

19990819.qrp v01_n553.qrl.990819

Date: Thu, 19 Aug 1999 19:03:05 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1553

QRP-L Digest 1553

Topics covered in this issue include:

- 1) [47915] RE: Whatszit?
by "Harry T. Hurst" <hhurst@delaware.infi.net>
- 2) [47916] Ideas for portable antennas?
by Jeff <fantbb@yahoo.com>
- 3) [47917] Re: [Zope] Zope version of virtual hosts/includes?
by "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
- 4) [47918] Re: Manually Operated Goniometer.
by n5ib@juno.com
- 5) [47919] Applause for Tec Tec
by "Ronald Hands" <rhands@hwcen.org>
- 6) [47920] Re: AOL Users ...
by Mark R Milburn <kq0i@juno.com>
- 7) [47921] computer radios
by "Jerry W. O'Dell" <jwodel@ameritech.net>
- 8) [47922] Re: QRP-L and AOL
by DENNISMO@aol.com
- 9) [47923] MONEY ORDER QUESTION?
by Roy Lincoln <wa4dou@usa.net>
- 10) [47924] RE: Amplifier module for QRP ?
by "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 11) [47925] Re: TI-92 ham software - looking for
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 12) [47926] Re: Living 90 Years
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 13) [47927] AA Battery Eating Digital Camera
by George F Franklin <w0av@juno.com>
- 14) [47928] Log software--Thanks!
by "A. Jenkins" <beaks@westco.net>
- 15) [47929] Re: Ideas for portable antennas?
by John R Kirby <n3aaz-qrp@juno.com>
- 16) [47930] Re: AA Battery Eating Digital Camera
by "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
- 17) [47931] ArQRP net
by Jay Bromley <w5jay@alltel.net>
- 18) [47932] It's twins! (2N2/40s)
by K2UD@aol.com
- 19) [47933] Loop ant. supports / feed point adjust.

- by S LYON <sslyon@worldnet.att.net>
- 20) [47934] Re: Radio Shack
by Phil Wheeler <w7ox@mindspring.com>
- 21) [47935] Re: Radio Shack, 97 cents and other things
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 22) [47936] Re: Amplifier module for QRP ?
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 23) [47937] Re: Radio Shack
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 24) [47938] RE: KnightSMiTE - SOLD!!!
by Dave Redfearn <n4elm@texoma.net>
- 25) [47939] Memory Challenge! CK-768 Regen AM PC Radio from PE!
by "Mike Pupeza" <mpupeza@csolve.net>
- 26) [47940] Re: AA Battery Eating Digital Camera
by "John A. Evans - N0HJ" <jaevalns@codenet.net>
- 27) [47941] RE: Radio Shack
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 28) [47942] Re: It's twins! (2N2/40s)
by George F Franklin <w0av@juno.com>
- 29) [47943] Re: Batteries
by JPD <jdanter@mail.i-america.net>
- 30) [47944] Re: AA Battery Eating Digital Camera
by Phil Wheeler <w7ox@mindspring.com>
- 31) [47945] Colorado Summer QSO Party K0FRP
by "al dawkins" <alk0frp@earthlink.net>
- 32) [47946] FOX: Help!!
by "L. Jeffrey Hetherington" <jeff@systems95.com>
- 33) [47947] Re: Amplifier module for QRP ?
by Tim Ahrens <tahrens@hilconet.com>
- 34) [47948] Re: Money Orders-yecccch!!!
by Jess Gypin <jessqrp@earthlink.net>
- 35) [47949] Re: AA Battery Eating Digital Camera
by Tim Ahrens <tahrens@hilconet.com>
- 36) [47950] RE: Radio Shack
by "Alex Mendelsohn" <ai2q@ispchannel.com>
- 37) [47951] Yeasu ATAS100 Antenna Problems?
by "Dave Fifield" <fifield@pacbell.net>
- 38) [47952] Not Qrp
by Rich Wilkerson <richqrp@home.com>
- 39) [47953] Re: Yeasu ATAS100 Antenna Problems?
by Chris Cartwright Sr <ccart@phideaux.com>
- 40) [47954] WWV Radio Surprise
by "Frank Grigaliunas" <fgrig@iea.com>
- 41) [47955] Re: FOX: Help!!
by Pete Burbank <plburbank@kih.net>
- 42) [47956] RE: 2N2/40 Sidetone
by "Juan Jose Pastor Estornell" <juanjope@ctv.es>
- 43) [47957] Re: FOX: Help!!

by "Paul R. Valko" <prvalko@oakland.edu>
44) [47958] Argosy FS by Rich Arland
by "Paul Gerhardt" <pgerhardt@hotmail.com>
45) [47959] www
by "Jerry W. O'Dell" <jwodel@ameritech.net>
46) [47960] Re: Radio Shack es Clocks
by mikemo@ibm.net
47) [47961] Re: www
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
48) [47962] Re: AA Battery Eating Digital Camera
by George F Franklin <w0av@juno.com>
49) [47963] RE: Radio Shack
by "Dan W. Dooley" <dandooley@pipeline.com>
50) [47964] RE: Radio Shack
by "Dan W. Dooley" <dandooley@pipeline.com>
51) [47965] Re: Applause for Ten Tec
by "Armin Hachmer" <armin@muskoka.com>
52) [47966] unidentified call sign
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
53) [47967] Re: AA Battery Eating Digital Camera
by "Mark Hogan" <mhogan@email.msn.com>
54) [47968] Re: Radio Shack
by "Mike Yetsko" <myetsko@insydesw.com>
55) [47969] Help with old Key
by "Mike Yetsko" <myetsko@insydesw.com>
56) [47970] Re: Radio Shack
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
57) [47971] Re: Manually Operated Goniometer.
by Chris Trask <ctrask@primenet.com>
58) [47972] QRP Contesting This Weekend
by Ken Newman <N2CQ@citnet.com>
59) [47973] Re: OT Radio Shack
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
60) [47974] Spectrum Analyzer
by David Shalita <af389@lafn.org>
61) [47975] Re: Yeasu ATAS100 Antenna Problems?
by Phil Wheeler <w7ox@mindspring.com>
62) [47976] Re: AA Battery Eating Digital Camera
by Phil Wheeler <w7ox@mindspring.com>
63) [47977] Re: Horizontal Loop Antenna
by applitech@mcg.net (Claton Cadmus)
64) [47978] Yet another Atomic UTC Clock
by "Bob Follett" <bfollett@ditell.com>
65) [47979] AA NiNH and Digital Cameras
by "Bob Follett" <bfollett@ditell.com>
66) [47980] Re: Horizontal Loop Antenna
by "Joel Kluender, NF9K" <nf9k@eudoramail.com>
67) [47981] Western Wranglers Fox Team

by Monte Stark <ku7y@dri.edu>
68) [47982] WWV Clock Solved
by "Chuck Adams, K7Q0" <k7qo@hotmail.com>
69) [47983] Re: It's twins! (2N2/40s)
by "Steven Weber" <kd1jv@moose.ncia.net>
70) [47984] WWW Rx
by "Steven Weber" <kd1jv@moose.ncia.net>
71) [47985] Re: WWV Clock Solved
by Rod Cercone <rlc@fii.com>
72) [47986] Re: Horizontal Loop Antenna
by "George T. Baker" <w5yr@swbell.net>
73) [47987] Re: WWV Clock Solved
by Rod Cercone <rlc@fii.com>
74) [47988] AOL and bounced messages....
by David Ritchie <der@m3106der.atl.hp.com>
75) [47989] AR QRP 40m Net Results
by Robsparks@aol.com
76) [47990] Battery Chargers
by SABorns@aol.com
77) [47991] Re: It's twins! (2N2/40s)
by PDouglas12@aol.com
78) [47992] Re: Feedline Measurements- Computer Ribbon Line
by Ed Loranger <we6w@qsl.net>
79) [47993] 40 M vertical vs inverted vee
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
80) [47994] Re: Horizontal Loop Antenna
by "Joel Kluender, NF9K" <nf9k@eudoramail.com>
81) [47995] Re: WWV Clock Solved
by Michael Maiorana <mikemo@ibm.net>
82) [47996] WWW Clock Solved
by "Jerry Henshaw" <jhenshaw@bellsouth.net>
83) [47997] Re: WWV Clock Solved
by Elliott Lawrence <edl@pacbell.net>
84) [47998] ARCTIME: GROUP BUY UPDATE
by "Rod, N0RC" <rlc@fii.com>
85) [47999] Re: 40 M vertical vs inverted vee
by "Ralf K. Buschner" <r_buschner@knuut.de>
86) [48000] SST
by "Mark Hogan" <mhogan@email.msn.com>
87) [48001] QRP+ Mod Correction
by Larry East <w1hue@amsat.org>
88) [48002] Re: 40 M vertical vs inverted vee
by "Joel Kluender, NF9K" <nf9k@eudoramail.com>
89) [48003] Re: Western Wranglers Fox Team
by Pete Burbank <plburbank@kih.net>
90) [48004] Re: 40 M vertical vs inverted vee
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
91) [48005] Milliwatt DX'ing

by Jim Hale <kj5tf@yahoo.com>
92) [48006] Re: 2N2/40 Sidetone
by K2UD@aol.com
93) [48007] Re: Battery Chargers
by George F Franklin <w0av@juno.com>
94) [48008] Re: It's twins! (2N2/40s)
by K2UD@aol.com
95) [48009] Questions
by "Mel Evans, Registered Arachne User" <mel@euramcom.freemove.co.uk>
96) [48010] DSW - Short Note
by Ed Kessler <edkess@epix.net>
97) [48011] FS: DX-398
by Bob Hirsch <bobh@p3.net>
98) [48012] OT: Where to find some MRF904
by "Kory Hamzeh" <kory@avatar.com>
99) [48013] Re: www
by Rick Sealey <rsealey@InfoAve.Net>

Date: Wed, 18 Aug 1999 19:00:14 -0400
From: "Harry T. Hurst" <hhurst@delaware.infi.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [47915] RE: Whatszit?
Message-ID: <003f01bee9cd\$6f911860\$3c30fcd1@upstairs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to all who responded to my query about the mystery parts. Turns out they are DB mixer modules. Time to play.

Date: Wed, 18 Aug 1999 16:07:39 -0700 (PDT)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [47916] Ideas for portable antennas?
Message-ID: <19990818230739.18145.rocketmail@web130.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Steve (The melt solder guy) asked some questions on a portable G5RV that used twinlead to take on his hike. He wanted to work 20 and 40 meters

while on the trail.

I suggested that he use the twinlead instead for the flat top. He could trim the top wire of the twinlead for 40 and the bottom wire for 20 meters. Then feed them both with RG-174.

I'd read about this idea some where else and glad to pass it along to Steve.

What are some other's ideas for portable multiband antennas that either use or don't use a tuner?

72!

Jeff

===

Jeff Jones

AB6MB

NorCal QRP Club #65, QRP-L #1780

CW Forever!!!

Ghost Hunter

Owner of the Delta MudCats fantasy baseball team

Voicemail/Fax 1-888-Excite2 ext 925-439-2514

Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Wed, 18 Aug 1999 16:08:44 -0700

From: "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>

To: qrp-l@lehigh.edu

Subject: [47917] Re: [Zope] Zope version of virtual hosts/includes?

Message-ID: <19990818160843.A10240@dolphin.openprojects.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

On Wed, Aug 18, 1999 at 11:00:03PM +0200, Cees de Groot wrote:

> When people ask "I'm using technique X with product A, how do I
> do this with product B?" I always get itchy. *Why* would you want
> to present the same information with public and private headers? Maybe
> there's a completely different and vastly superior way to do what you
> want to accomplish with Zope (there usually is ;-)).

Because the Virtual Domain is the basic unit of income for a large number of hosting providers. If we cannot use Zope on a virtual domain basis, we can't get paid.

Not to be rude about it, but the old addage of "It's all about dollars and cents," applies perfectly here.

```
=====
      KC5TJA/6      |      -| TEAM DOLPHIN |-
      DM13          |      Samuel A. Falvo II
      QRP-L #1447   |      http://www.dolphin.openprojects.net
      Oceanside, CA |.....
```

Date: Wed, 18 Aug 1999 19:09:43 EDT
From: n5ib@juno.com
To: qrp-l@Lehigh.edu
Subject: [47918] Re: Manually Operated Goniometer.
Message-ID: <19990818.180031.7383.0.N5IB@juno.com>

On Wed, 18 Aug 1999 20:51:43 +0000 Ed Loranger <we6w@qsl.net> writes:

> "A goniometer consists of two fixed coils at
>right angles to eachother and with a rotatable
>coupling coil in the middle.

There was a reference - I can't put a finger on the page just now - In "The Wizard War" by R.V. Jones, (just about my all-time favorite book, BTW) of British Scientific Intelligence during WWII, about a device referred to by the designator "Radio Gonio" I believe it was, in fact, part of a direction finding system.

But Dr. Jones remarked that they had some difficulty convincing some of those gallant W.A.A.F. radio operators to work with the system. Seems they were concerned about contracting an exotic strain of social disease that could be transmitted via wireless.....

I would be intigued to know if any of our bretheren across the pond have ever had the opportunity to meet Dr. Jones or hear him speak - or have been fortunate enough to work with him. His birtday is Sept. 29. He is, I sincerely hope, still with us, about to be 88 years young.

I think this assembly would be delighted to hear a tale or two.

73
Jim N5IB

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Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 18 Aug 1999 19:11:52 -0400
From: "Ronald Hands" <rhands@hwcn.org>
To: <qrp-1@lehigh.edu>
Subject: [47919] Applause for Tec Tec
Message-ID: <008501bee9cf\$502a3cc0\$eb5ed4c7@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I phoned Ten Tec service today, wanting to buy a couple sets of the AMP four-pin mate-n-lock connectors, as used on my 961 and 260 power supplies and Corsair II.

At the end of the conversation, when I tried to give my Visa number, I was told they would mail them out no charge.

Gotta love that company!

-- Ron VE3SP
Hamilton, ON

Date: Wed, 18 Aug 1999 14:02:32 -0500
From: Mark R Milburn <kq0i@juno.com>
To: qrp-1@lehigh.edu
Subject: [47920] Re: AOL Users ...
Message-ID: <19990818.183949.-257885.0.KQ0I@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

On Wed, 18 Aug 1999 11:39:55 -0700 Andy Fox <foxes@theriver.com> writes:

>Hi,

>

>There are (many) Internet Service Providers. If your ISP cannot

>perform
>basic services like handling e-mail correctly, you may want to
>consider
>trying another ISP. Check out:
>
><http://thelist.internet.com/>
>
>I'm not bashing AOL. I've just noticed that there seem to be many
>people having problems getting their mail from this particular ISP,
>and
>they are certainly not the only game in town.
>
>Happy hunting!
>
>--
>Andy Fox - KK7HV - Tucson, AZ USA - DM42 - QRP-L #1286

And for less cost. JUNO.com gives free email, added features cost a
little. Internet service available for even a little more
AltaVista now has free internet
service. Email available by other companies free.
NetZero has free internet service
WITH free email as part of the service.

I use two internet providers in case something happens to one...and have
email with JUNO. Total cost...zip.
Service? Adequate..no fancy mail handling, just plain mail.

73 Mark KQ0I
Des Moines, Iowa

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 18 Aug 1999 20:06:36 -0400
From: "Jerry W. O'Dell" <jwodell@ameritech.net>
To: qrp-l@lehigh.edu
Subject: [47921] computer radios
Message-ID: <19990819000756.MWUS11111.mailhost.det.ameritech.net@[199.179.189.11]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Just got my RX320 back from minor repair. The SSB is simply

amazing on that machine.

Wonder how the Kachina compares? A search indicates that they are on hold. I could be wrong.

I have never understood why SSB sounded so bad -- now it is filtering through!

73 jerry w8gnd

Date: Wed, 18 Aug 1999 20:29:53 EDT
From: DENNISMO@aol.com
To: RVizcarra@filss.com, qrp-1@lehigh.edu
Subject: [47922] Re: QRP-L and AOL
Message-ID: <63d2661.24ecaa01@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Rich & Gang -

It looks as if I am getting all my mail now. I'll know better in the morning when I compare it to the digest. Thanks for all the feedback and suggestions. I sent AOL my complaint by way of Keywork POSTMASTER and a couple hrs later it was working again. Coincidence - maybe, but it is working!

Tnx agn -

72 de Denny AD6EZ <><

Date: 18 Aug 99 20:28:46 EDT
From: Roy Lincoln <wa4dou@usa.net>
To: qrp-1@lehigh.edu
Subject: [47923] MONEY ORDER QUESTION?
Message-ID: <19990819002846.10786.qmail@nwcst282.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Content-Transfer-Encoding: quoted-printable

Hi Gang,

First, let me say that i am not opposed to the use of money orders and in the event that i want to purchase anything from any of you, i will usually send a money order. Its not a "trust" thing at all. Its the fact that you are certain to receive the money and its available to you to use at once. I'm not put out by a request for a money order at all. They're available everywhere and they're cheap. Like other members of the list, i have received checks,sometimes, when i've sold things. I've never been "stiffed"!

Today, i received a money order from a ham for a rig and noticed it was "unsigned." It carries his address but no name, either printed or written. If i deposit it in my credit union, how much likelihood is it that it will eventually be turned down for payment by the "issuer", necessitating returning it to the purchaser for finishing? In other words, is this a "hassle" waiting to happen?

Thanks es 73 Roy Lincoln WA4DOU Elm City, N.C.

Get free email and a permanent address at <http://www.netaddress.com/?N=3D=1>

Date: Wed, 18 Aug 1999 20:45:50 -0400
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etcasa.cu>
To: "qrp-L" <qrp-l@LeHigh.edu>
Subject: [47924] RE: Amplifier module for QRP ?
Message-ID: <002201bee9dc\$33282b20\$04000a0a@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just got a handful of what looks like
an amplifier module from Mexico

They have an M within a circle (Motorola ?)
Stamped in white letters CA2483
Then below that the numbers 8839
The device is rectangular in form, about
1 inch long and half inch wide.
Has two holes on an aluminium bar (Heat sink ?)
It has 7 pins with one pin in the center and
two sets of three gold plated pins each
Printed on the aluminium bar is the number
6228 and the word MEXICO in capital letters...
Anyone here has an idea what this module
may be ?
According to the Mexican friend that sent them
they supposedly are for some kind of RF
amplifiers (CATV ???)
Maybe some of you have the catalog data
for them !!!
Thanks in advance for any help...
If they are within QRP operating range will
surely find good use very soon here !
72 and DX
Arnie

P.S. Propagation should get better in the
next 24 to 48 hours... in the meantime, just
do what I am doing, ORGANIZING the shack...
Guess how I found those modules ?
Arnie Coro C02KK
Host of Dxers Unlimited
Radio Habana Cuba
e-mail:arnie@radiohc.org
e-mail:inforhc@mail.infocom.etecsa.cu
Postal address:
Prof. Arnaldo Coro Antich
La Torre no.127 entre 35 y 37
Nuevo Vedado, Plaza
Ciudad Habana , 10600
CUBA

Date: Mon, 16 Aug 1999 22:11:31 -0400
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: n5ib@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [47925] Re: TI-92 ham software - looking for
Message-ID: <37B8C4D1.553846D7@quartz.gly.fsu.edu>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Check the calculator pages at ti.com

They maintain a software library. You will need a laplink cable to do the downloading.

The cables are easy to construct. Dont recall seeing any ham oriented stuff on thepages though---I have an 86

Henry

Date: Mon, 16 Aug 1999 21:34:48 -0400
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: sslyon@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [47926] Re: Living 90 Years
Message-ID: <37B8BC36.793A6C77@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

S LYON wrote:

> Nils R Young wrote:
> >
> > Gagne,
> >
> > Cindy's grandmother, Edna Davis, celebrated her 90th birthday with us
> >
> > Now I don't know if you think about this much, but think of all the
> > things that Grandma's seen in 90 years of living.....
> > And in every cell of your body there's a molecule that knows how to
> > repair itself.
> >
> >
> > Livin' 90 years ain't easy, I'd say from what Grandma said. But it ain't
> > no less a miracle.
>

I dunno know about all of this.

My grandmother died abt 10 yrs back at the age of 92...she got up one day and went on a hunger strike. She lasted about 2 weeks. My grandmother's baby sister turned 100 two weeks ago. She is living in a nursing home in the Bronx, suffering from dementia and weighs less than 70 lbs. She was lucid until about 4-5 yrs ago. What good is living until old age if your quality of life is not there? At any rate, I can remember my grandmother's sister telling me in the early 60's that man would never walk on the moon during her lifetime. Guess that she was wrong. I can also remember her telling me in the mid-80's that she wanted to live to be 100. She got that one right. If she lasts another 6 months, she will have the distinction of having lived during 3 centuries, being born before the Wright brothers flight, the invention of radio and the development of the automobile. This may sound sound spiffy but most of us will be able to tell our grandkids that we were born before the development of the transistor, PC etc.

My father-in-law is a spry 84. He can remember Houston before air conditioning became popular. During his childhood, radio was just beginning to become widely distributed. Many of the previous generation would go back to Germany for High School education because the local educational system was not fully developed. He spent WWII as a AAF officer in the South Pacific, retired from the military as a sr officer and got his uniform out of mothballs 7 years so that he could commission my niece when she finished her ROTC program. The uniform still fit. Now there are some stories worth telling.

Date: Wed, 18 Aug 1999 20:00:19 -0500
From: George F Franklin <w0av@juno.com>
To: qrp-1@lehigh.edu
Subject: [47927] AA Battery Eating Digital Camera
Message-ID: <19990818.200019.-132901.2.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,

I have a nice little Mustek VDC-200 digital camera that "eats" AA dry cells. It uses four of them.

I tried 4 AA ni-cads, but even fully charged their voltage is too low to make the camera function.

Someone told me that it is possible to purchase rechargeable batteries with the same voltage as alkaline AA cells, around 1.55 volts. Does anyone know about those?

For reference, even high-dollar alkaline cells run the camera only about thirty minutes, or even less.

Yes, this is QRP; 4 AA cells!

72 to all,

George/W0AV

Date: Wed, 18 Aug 1999 21:11:55 -0400
From: "A. Jenkins" <beaks@westco.net>
To: "QRP-L" <QRP-L@Lehigh.edu>
Subject: [47928] Log software--Thanks!
Message-ID: <008901bee9df\$d4fbc080\$23dc0bd0@beaks>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

A big "Thank You" to all who sent me their ideas on logging software. Now comes the fun in picking which one I like best.....

Thanks to all since there were so many who replied.

Arch N8EAG

Fairmont, WV

Date: Wed, 18 Aug 1999 21:05:49 -0400
From: John R Kirby <n3aaz-qrp@juno.com>
To: fantbb@yahoo.com, qrp-l@Lehigh.EDU
Subject: [47929] Re: Ideas for portable antennas?
Message-ID: <19990818.210712.-247655.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0

Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jeff and Group,

>What are some other's ideas for portable
>multiband antennas that either use or don't use a
>tuner?

Until just recently (about three weeks ago)
I was sold on a vertical antenna for portable use.

My application is for an RV / campground environment.

Several of my posts over the past couple years describ
an almost all band (40 thru 2) vertical using the RS 102 inch whip
with an L network mounted at the BASE of the whip (NOT
in the "shack") using the pick up load bed or
the RV ladder rack the counterpoise.
It works OK but I am sure efficiency could be better.

Since a >short< or >small< "ALL BAND ANTENNA" has
a very small aperture
I decided to try something bigger,
like a G5RV.

My home antenna is the G5RV (has been for years).
My home G5RV works like gang busters (had several).
The G5RV is a very good all band antenna.

So I decided to try a G5RV inverted V portable antenna.

Well it works and it works real good.

I use a tripod and 3/4 inch PVC for a mast.

I built my first portable G5RV under my home G5RV for signal comparison.

Of course on twenty (no tuner required) I can not tell the difference.

On 40, give or take a few either way.

On 80 and 160, a big difference, the portable is much better.

The feeds, matching sections and baluns were identical.

I used a coax switch in the shack to make instant comparasion.

I use a 4 to 1 ferrite toroidal balun between the twin lead matching section and coax feed.

A tuner is required on 40, 80 and 160.
Have not had a chance to try it above 20 yet.

Hope ths helps.

Yes, I know the term balun is a caveat on this list,
PLEASE, PRETTY PLEASE, as a group, I beg you,
do not go into that infamous
balun no balun routine again,
if you MUST vent your balun ideology
post to me DIRECT, thank you.

John
N3AAZ
FM19xa

On Wed, 18 Aug 1999 16:07:39 -0700 (PDT) Jeff <fantbb@yahoo.com> writes:
>Steve (The melt solder guy) asked some questions
>on a portable G5RV that used twinlead to take on
>his hike. He wanted to work 20 and 40 meters
>while on the trail.
>I suggested that he use the twinlead instead for
>the flat top. He could trim the top wire of the
>twinlead for 40 and the bottom wire for 20
>meters. Then feed them both with RG-174.
>I'd read about this idea some where else and glad
>to pass it along to Steve.
>What are some other's ideas for portable
>multiband antennas that either use or don't use a
>tuner?
>
>72!
>
>Jeff
>===
>Jeff Jones
>AB6MB
>NorCal QRP Club #65, QRP-L #1780

>CW Forever!!!
>Ghost Hunter
>Owner of the Delta MudCats fantasy baseball team
>Voicemail/Fax 1-888-Excite2 ext 925-439-2514
>-----
>Do You Yahoo!?
>Get your free @yahoo.com address at <http://mail.yahoo.com>
>

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 18 Aug 1999 18:21:51 -0700
From: "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
To: qrp-l@lehigh.edu
Subject: [47930] Re: AA Battery Eating Digital Camera
Message-ID: <19990818182150.A10729@dolphin.openprojects.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

On Wed, Aug 18, 1999 at 08:00:19PM -0500, George F Franklin wrote:
> Someone told me that it is possible to purchase rechargeable batteries
> with the same voltage as alkaline AA cells, around 1.55 volts. Does
> anyone know about those?

These have been out for at least three years, though they don't get too much
air time on TV. Good stuff though. They're called Rayovac Renewals, and
are rechargeable alkalines.

=====

KC5TJA/6		- TEAM DOLPHIN -
DM13		Samuel A. Falvo II
QRP-L #1447		http://www.dolphin.openprojects.net
Oceanside, CA	

Date: Wed, 18 Aug 1999 20:24:41 -0500
From: Jay Bromley <w5jay@alltel.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [47931] ArQRP net
Message-ID: <37BB5CD9.4DDE54FA@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

I always forget to check-in, but to night while I was working on the truck I came inside to listen to 40m when I heard Bob, NQ5RP, QNI ARQRP. I loud signal at first but faded later. I've eavesdropped before, but there seems to be a lot more activity on to night. Are you guys starving for Fox season or what? What a Hoooooooooooooot to hear Bill, K5ZTY, on his K2. He was top Dog in the Fort tonight. To all the hunters beware of this Dog, sounds like he is primed and ready!! He was loud, very loud. Thanks Bob for a great net and I will try to remember to make it back soon.

73 de w5jay..

P.S. Bill I will look forward to working you one K2 to K2, but you might have to QRS alittle. Tell Curt, KI5AK, to get off his duff for me!!

Date: Wed, 18 Aug 1999 21:30:02 EDT
From: K2UD@aol.com
To: qrp-1@lehigh.edu
Subject: [47932] It's twins! (2N2/40s)
Message-ID: <88dbb48e.24ecb81a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I am very pleased to announce the addition of twins to our household. On this day, twin 2N2/40 rigs have made their cries heard. The occasion was marked by a QSO with Steve "melt solder" KD1JV using one of the 2N2/40s. Steve was using, what else, a 2N2/40! Thanks Steve, for being part of this blessed event.

As the rigs are built using Jim, K8IQYs "Manhattan" style construction, I have decided to name these twins New York, NY. The real New York is about 420 miles down the Thruway, but we won't let small technicalities get in the way here.

#1 is doing fine, putting out its 2W cry to my end-fed 1/2 wave. Its baby voice elicited a 569 from it's cousin's 3W at Steve's end. #2 will make its debut after I change it (its finals pooped!).

As others have indicated, the VFO really is rock-stable. Steve's has a DDS VFO, and neither one of us budged in frequency. Jim, the Creator, should be proud!

Folks, if you haven't built one of these rigs, what are you waiting for? The satisfaction of hurling RF with a hand-built rig just can't be described, and the 2N2/40 is just the vehicle.

Now to paint the cabinets, and work on the RIT. Look for #2 on a QRP rig near you.

72 all, es TNX Jim and Steve,

Howard Kraus, K2UD

Date: Wed, 18 Aug 1999 21:38:01 -0400
From: S LYON <sslyon@worldnet.att.net>
To: Dave Marling <dbm@klis.com>, qrp chat <qrp-l@Lehigh.EDU>
Subject: [47933] Loop ant. supports / feed point adjust.
Message-ID: <37BB5FF9.4E5A2DD6@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dave Marling wrote:

>
> Seab,
>
> What did you use to attach the support lines to your old loop?
>
> I switched from electric fence material (three strands of poly
> interwoven with three strands of stainless steel wire) to #12 stranded,
> insulated wire and it doesn't self adjust thru the egg insulators like
> it used to.
>
> Dave
> VE1VQ
> --
> Life is a wonder - live it!

=====

Hi Dave...

I used a seven tree support for my 1/4 mile loop (you'll remember the hike we took) -which consisted of 3/8" truckers twine over the tops of the trees, with 2.5" plastic pullys from Home Depot. Plenty rugged. I actually drilled out the "rivet" axle and replaced it with 1/4" carriage bolts so that I didn't have to cut the wire to add or replace a pulley.

The entire 1500' ft of ant could be rotated easily so as to put the feed at a corner or any point on one of the flats. Never did notice much diff. tho... perhaps because there were so many lobes on each band!

--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Wed, 18 Aug 1999 18:42:21 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: w5yr@swbell.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [47934] Re: Radio Shack
Message-ID: <37BB60FD.F1CBF749@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Re this:

Radio Shack provides a very useful resource.

True, I'm not impressed with their staff in most cases (but if they knew more, they could likely get a job at Fry's <grin, big time!>).

But imagine if all the RS stores in the world suddenly vanished: Big trouble for us ALL.

Phil

Date: Wed, 18 Aug 1999 21:30:59 -0400
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: mel@euramcom.freemove.co.uk
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [47935] Re: Radio Shack, 97 cents and other things
Message-ID: <37BB5E52.794A28B9@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Mel Evans, Registered Arachne User wrote:

> And just as Safeway mostly has an "exotic" deli section with the weirdo
> stuff (Andean Badger soup, or Haggis ratatouille a la Nils and Mel),

Who are Nils and Mel?

> Home of the last HW9

Penultimate HW-9?

Henry

Date: Thu, 19 Aug 1999 11:50:49 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [47936] Re: Amplifier module for QRP ?
Message-ID: <37BB62F9.23FD502F@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

"Prof.Arnaldo Coro Antich" wrote:

> They have an M within a circle (Motorola ?)
> Stamped in white letters CA2483
> Then below that the numbers 8839

I'd suggest the 8839 indicates manufactured 39th week of 1988 (as on IC's). The CA throws me because that was RCA's.

73's

Ian Purdie
VK2TIP "I'll give you the TIP mate"
Budgewoi N.S.W. Australia
Tel: 61 + 2 + 4399 3228 (2200 - 0800 U.T.C. please.)
QRP-L member #1978.
URL - <http://www.integritynet.com.au/~purdic/>
URL - <http://www.qsl.net/vk2tip/>
"Three out of five Web experts agree that frames are the work of the devil and represent all that is evil about the Web. The remaining two

experts are agnostic and think that frames are just a stupid idea" -

Date: Wed, 18 Aug 1999 21:41:30 -0400
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: w7ox@mindspring.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [47937] Re: Radio Shack
Message-ID: <37BB60C9.A604DFD0@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

One needs to look at the technical sophistication of the average radio shack customer before judgement can be passed on the counter personnel.

One of my buddies was working as a part time counter rep during the CB craze of the 70's. He swears that a customer walked into the shop with a clothes iron rated at 1600 watts. The customer was interested in converting the iron into an amplifier for his CB radio. 1600 watts is 1600 watts...right?

Henry

Date: Wed, 18 Aug 1999 20:54:01 -0500
From: Dave Redfearn <n4elm@texoma.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [47938] RE: KnightSMiTE - SOLD!!!
Message-ID: <37BB63B9.A9C43EB@texoma.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The KnightSMiTE kit is sold.
Thanks for all the responses.

73 - Dave

=====
Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKtexoma.net (to reply, remove NOJUNK)

QRL? de N4ELM/qrp

Date: Wed, 18 Aug 1999 21:50:53 -0400
From: "Mike Pupeza" <mpupeza@csolve.net>
To: <qrp-1@lehigh.edu>
Subject: [47939] Memory Challenge! CK-768 Regen AM PC Radio from PE!
Message-ID: <002e01bee9e5\$52f4a560\$80a83dcf@Mike>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey Guys (& Gals!);
In the late 1950s, probably 1958, I made a 4 transistor Regen Rcvr on 2 PC boards from a set of plans in Popular Electronics. The RF transistor was a CK-768. The rest were probably CK-722 or 2N107. It was a 2 board Printed Circuit unit, which I used black plastic tape for the etch resist. It had a Tuning, and Regen control, and maybe a Volume control and was for the AM band (of course!) with a high impedance earphone.

I'm sure that the plans were in Popular Electronics (I was a fan of Carl and Jerry).

Any of those old neurons remember that? If anyone has the articles, I would like to see them.

Maybe you could scan them and send as an attachment to E-mail!

BOY, haven't we come a long way?

72, 73

Michael Pupeza VE3EQP
283 Peek-a-Boo Trl RR# 2
Penetanguishene, ON
Canada L9M 1R2
(705) 549-3220

Lots of other numbers, etc, but the important ones are - RET!

Date: Wed, 18 Aug 1999 19:58:55 -0600
From: "John A. Evans - N0HJ" <jaevans@codenet.net>
To: kc5tja@dolphin.openprojects.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [47940] Re: AA Battery Eating Digital Camera
Message-ID: <3.0.5.32.19990818195855.00868330@mail.codenet.net>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings,

I would love to find an alternative (maybe NiMh) for those DL123A cells my wife's camera uses - man, not only do they get consumed quickly and they cost about \$12 a pair. These guys look like short AA's. If you know of a sub for these, I am sure a lot would like to know. For sure, the camera that replaces this one will have something cheaper for batteries.

72 - john - n0hj

jaevans@codenet.net - N0HJ

Date: Wed, 18 Aug 1999 21:58:00 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [47941] RE: Radio Shack
Message-ID: <37BB64A8.DD430951@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>i just think some people need to quit being mean to the radio shack
>people, and treating them like peons..

Well.. at the risk of keeping this discussion going way too long, back when I was first licensed I got a job at a LAFAYETTE store. All the staff were expected to have at least SOME knowledge of basic electronics. And I can recall a time when the folks at Radio Shack were mostly students from the local tech schools or better. What I really object to is the guy who tries to sell a \$200 radio to a little old lady on a fixed income who really only needs a new battery for her good old portable (That probably has a better IF strip in it than anything RS is currently selling too). When I see people like that it convinces me that Radio Shack prefers sales OVER customer service. That makes for great short term gains and given the turnover I see in staff that makes sense. Rat Shack is a necessary evil for the ham who needs a resistor late at night, but while we attempt to educate those RS employees, I think we could better serve our community by educating our fellow consumers to the alternatives. Now having said that about RS, I will state also that

I think Tech America is one of the best run outfits on the planet. They give great service and how they can be run by the same parent company is a constant source of amazement to me.

By the way... The butcher at my local food store DOES have the best recipes!!!

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Wed, 18 Aug 1999 20:50:20 -0500
From: George F Franklin <w0av@juno.com>
To: K2UD@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [47942] Re: It's twins! (2N2/40s)
Message-ID: <19990818.205235.-287361.3.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Howard,

Congratulations!

Are you going to hand out cigars?

72 de George/W0AV

Date: Wed, 18 Aug 1999 22:13:52 -0700
From: JPD <jdanter@mail.i-america.net>
To: qrp-1@Lehigh.edu
Subject: [47943] Re: Batteries
Message-ID: <37BB9290.1BE8@mail.i-america.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

To the Group,

Try these folks,

<http://www.1800batteries.com/cgi-bin/ncommerce3/ExecMacro/main.d2w/report?page=home>

I've purchased laptop batteries from them.
And you know how expensive those can be at some battery stores.
Also stocks camcorder, cellular, etc.
Good customer support. Extensive stock. Good prices. PROMPT delivery!
Much more reasonable than the local retail battery franchise stores.

Signed,
A satisfied customer,
JPD

Date: Wed, 18 Aug 1999 19:31:05 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: jaevans@codenet.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [47944] Re: AA Battery Eating Digital Camera
Message-ID: <37BB6C69.34BBCB5E@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Those are Li batteries and should last a long time (mine do).

Sounds like a camera fault to me.

Phil

"John A. Evans - N0HJ" wrote:

>
> Greetings,
>
> I would love to find an alternative (maybe NiMh) for those
> DL123A cells my wife's camera uses - man, not only do they get
> consumed quickly and they cost about \$12 a pair. These guys
> look like short AA's. If you know of a sub for these, I am sure

> a lot would like to know. For sure, the camera that replaces this
> one will have something cheaper for batteries.
>
> 72 - john - n0hj
>
> jaevans@codenet.net - N0HJ

Date: Wed, 18 Aug 1999 19:42:25 -0700
From: "al dawkins" <alk0frp@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [47945] Colorado Summer QSO Party K0FRP
Message-ID: <000701bee9ec\$79eecf40\$5ddd98a9@adawkins>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I will not be working the Co Qrp Contest this weekend. I will be in Las Vegas celebrating my 25 th wedding anniversary. I thought about operating from Nevada BUT NO I decided to let it be. Have at it GUYS. I'll see the results on Monday. No kids, no rigs or antennas, no pager no cell phone NO MONEY LEFT on Monday. Hey it only happens once. August 22, 1974 -1999.

AL Dawkins K0FRP

Date: Thu, 19 Aug 1999 02:48:24 +0100
From: "L. Jeffrey Hetherington" <jeff@systems95.com>
To: QRP-L Mailing List <qrp-l@lehigh.edu>
Subject: [47946] FOX: Help!!
Message-ID: <37BB6268.7B6CC95B@systems95.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello All!

Just looking for the FOX rules ... are they out yet??? I've got a couple of new FOX hunters (plus I've only bagged 1 in my career) that have formed together in a team, and we would like to review the rules before we get underway.

Thanx.

Jeff - VA3JFF

<http://www.systems95.com/users/jeffh/>

Date: Wed, 18 Aug 1999 21:12:01 -0500
From: Tim Ahrens <tahrens@hilconet.com>
To: inforhc@mail.infocom.etecsa.cu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [47947] Re: Amplifier module for QRP ?
Message-ID: <37BB67F1.8D03E62A@hilconet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Arnaldo - most of the modules from Motorola used the MHWxxxx type of numbering system, but I do seem to remember seeing some of those with a CA prefix. The pinout was pretty much standard.. looking at the 'front' of it (with the pins sticking straight down), The leftmost pin is #1. Pins 4 and 6 were not populated.

Pin 1 is the RF input, 2,3,7, & 8 are DC and RF ground, 5 is Vdc, and 9 is RF output. Most are 24-28vdc. BTW, they all seemed to be power hogs... about 200-350 mA. Be sure to RF decouple the DC inputs, and use a capacitor on both the input & output RF pins.

Good luck!

Tim W5FN

Prof.Arnaldo Coro Antich wrote:

>
> Just got a handful of what looks like
> an amplifier module from Mexico
> They have an M within a circle (Motorola ?)
> Stamped in white letters CA2483

Date: Wed, 18 Aug 1999 20:52:13 -0600

From: Jess Gypin <jessqrp@earthlink.net>
To: whowell@hq.nasa.gov, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [47948] Re: Money Orders-yecccch!!!
Message-ID: <3.0.3.32.19990818205213.006b72e0@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Except one ham that was going to buy something that I was selling. He had a check bounced against him and he was going to use that money to buy the item that I had.

Jess AE0CW

At 04:27 PM 08/18/1999 -0400, Scott Howell wrote:
>I agree completely. I have never had an issue with anyone on this list when
>doing any type of business.
>You guys and gals are the most honest and decent folks I've yet met iwhile
>being a Ham. That also applies to the folks on the CW list.
>
>73 de Scott/n3byy
>
>
>
>At 11:30 AM 08/18/1999 +0000, Roger Hightower wrote:
>>I have accepted personal checks for equipment and the Archive CD's, and
>>have _never_ been stiffed. I've often shipped stuff in advance
>
>

Date: Wed, 18 Aug 1999 21:16:33 -0500
From: Tim Ahrens <tahrens@hilconet.com>
To: w0av@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [47949] Re: AA Battery Eating Digital Camera
Message-ID: <37BB6901.1B02C8D3@hilconet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi George - about the only thing you can do for these (and I use several of the cameras), is to use NiMh cells. They are great for size & weight per maH of 'juice', but their downside is that if you

don't use them, they will self discharge at about 4% per day. If you can turn off the LCD, that will save most of the juice. Also, try not to use the 'computer download cable/combination' to get your pix into the computer. That uses a pretty good amount of juice. Get a small reader that plugs into the parallel port (or PCMCIA socket).

You can find the batteries at different places... I picked up some at HamCom for \$1 each. :-)

cu

Tim W5FN

Date: Wed, 18 Aug 1999 23:29:54 -0400
From: "Alex Mendelsohn" <ai2q@ispchannel.com>
To: <tjarey@home.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [47950] RE: Radio Shack
Message-ID: <000301bee9f3\$1a4aff80\$5c32a7d0@mendelsohn.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Skip, you brought back even more fond memories.

The Lafayette store WA2IIW and myself used to visit was on Archer Avenue in Jamaica, Long Island. We used to spend 15-cents for a bus ride to get there, and then walk about eight city blocks to the store.

What a wonderful place. While it didn't have the earthy surplus smells and sights of Manhattan's Radio Row, it did have a terrific catalog that a young ham with almost no money could pore over for hours on end, figuring how to get the "mostest for the leastest."

My buddy WA2IIW got a big kick out of the guy who stamped the receipt "DEL'D" after we paid for the parts at one counter and picked 'em up at another.

Vy 73, AI2Q, Alex in Kennebunk, Maine .-.-.

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
> T.J. "SKIP" Arey N2EI
> Sent: Wednesday, August 18, 1999 9:58 PM

> To: Low Power Amateur Radio Discussion
> Subject: RE: Radio Shack
>
>
> >i just think some people need to quit being mean to the radio shack
> >people, and treating them like peons..
>
> Well.. at the risk of keeping this discussion going way too long, back
> when I was first licensed I got a job at a LAFAYETTE store. All the
> staff were expected to have at least SOME knowledge of basic
> electronics. And I can recall a time when the folks at Radio Shack were
> mostly students from the local tech schools or better. What I really
> object to is the guy who tries to sell a \$200 radio to a little old lady
> on a fixed income who really only needs a new battery for her good old
> portable (That probably has a better IF strip in it than anything RS is
> currently selling too). When I see people like that it convinces me that
> Radio Shack prefers sales OVER customer service. That makes for great
> short term gains and given the turnover I see in staff that makes sense.
> Rat Shack is a necessary evil for the ham who needs a resistor late at
> night, but while we attempt to educate those RS employees, I think we
> could better serve our community by educating our fellow consumers to
> the alternatives. Now having said that about RS, I will state also that
> I think Tech America is one of the best run outfits on the planet. They
> give great service and how they can be run by the same parent company is
> a constant source of amazement to me.
>
>
> By the way... The butcher at my local food store DOES have the best
> recipes!!!
>
> --
> ++++++
>
> T.J. "SKIP" AREY N2EI e-mail tjarey@home.com
>
> Website http://members.home.net/tjarey
>
> Snail Mail: PO Box 236, Beverly, NJ 08010
>
> Specialization is for insects! LAZARUS LONG
>

Date: Wed, 18 Aug 1999 21:03:12 -0700
From: "Dave Fifield" <fifield@pacbell.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [47951] Yeasu ATAS100 Antenna Problems?
Message-ID: <008b01bee9f7\$ c1c41680\$0100a8c0@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Has anyone else out there got an ATAS100 antenna that they have mounted on a vehicle? I'm having problems with mine that seem to point to a design flaw. I'd be interested to hear from others who have had problems with the contact between the coil and the base section or problems where the antenna just won't move up or down at all.

Dave Fifield
AD6A

Date: Wed, 18 Aug 1999 21:22:32 -0700
From: Rich Wilkerson <richqrp@home.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [47952] Not Qrp
Message-ID: <37BB8688.7D0F5B39@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello to all... I know this is not qrp, but I also know that there are quite a few "Brains" on this list! Does anyone know where I can get a schematic for a "metal detector"? A friend told me he had a few, but this was a "few" years ago and has since lost them. I was thinking this would make a nice father and daughter project.

--

72's & 73's
Rich Wilkerson, Santee, Ca
WD6FDD

Date: Thu, 19 Aug 1999 00:26:53 -0400 (EDT)
From: Chris Cartwright Sr <ccart@phideaux.com>
To: Dave Fifield <fifield@pacbell.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [47953] Re: Yeasu ATAS100 Antenna Problems?

Message-ID: <Pine.LNX.4.04.9908182354280.707-1000000@dns.phideaux.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 18 Aug 1999, Dave Fifield wrote:

> antenna just won't move up or down at all.

Dave,

Don't have the ATAS100, but I have seen a few screwdriver antennas:) After more than a year of almost daily use, the finger stock in my DK3 came lose and bound up the works. I took it apart, refitted everything, good for the last few months. I've also found that it's not exactly set-n-forget, bumping and bouncing down the road will move it slightly out of tune, but I believe the FT100 has some sort of memory for the antenna settings.

I've also heard that the coil in the ATAS100 isn't a linear wrap (ie. not 10 TPI) over the whole coil. The winding is spaced further apart "between" the bands, so that band changes are faster. The band portions of the coil are tightly spaced to make the tuning finer when "in band". This is supposedly the reason they don't spec the WARC bands. One local uses his on the WARC bands, but says the tuning is "touchy" if you not on the big five.

72 es gl

-- Chris Cartwright, Technical Engineer | ccart@phideaux.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Wed, 18 Aug 1999 21:35:46 -0700
From: "Frank Grigaliunas" <fgrig@iea.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [47954] WWV Radio Surprise
Message-ID: <199908190440.VAA12803@comtch.iea.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,

The recent talk of the RS WWV clock got me thinking about my old Heathkit GC-1000 "Most Accurate Clock." It cost about \$250 ten years ago as a kit, and now you can get an assembled one for \$30.

What surprised me more was when I checked eBay to see if any had recently sold and found that the most recent sold for \$410!

Is my old junk clock a valuable collector's item, or did somebody on eBay just get too excited?

--Frank, AB7YT

Frank and Karen Grigaliunas, 1816 W. Dean, Spokane, WA 99201
fgrig@iea.com -==*- (509) 326-7147 -==*- <http://www.iea.com/~fgrig/>
"The Internet doesn't annoy people. People annoy people."

Date: Thu, 19 Aug 1999 00:43:29 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-l@Lehigh.EDU>
Subject: [47955] Re: FOX: Help!!
Message-ID: <3.0.32.19990819004326.00712528@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 02:48 AM 8/19/99 +0100, you wrote:

>Hello All!

>

>Just looking for the FOX rules ... are they out yet??? I've got a
>couple of new FOX hunters (plus I've only bagged 1 in my career) that
>have formed together in a team, and we would like to review the rules
>before we get underway.

>

>Thanx.

> Jeff - VA3JFF

> <http://www.systems95.com/users/jeffh/>

Jeff... be patient....the rules will be posted. Nothing complicated
...a simple exchange.

The basic element is courtesy.

72/3

Pete NV4V vvvvvvvvvv

Date: Wed, 18 Aug 1999 17:53:22 +0200
From: "Juan Jose Pastor Estornell" <juanjope@ctv.es>
To: "QRP-L" <qrp-l@Lehigh.EDU>

Subject: [47956] RE: 2N2/40 Sidetone
Message-ID: <00a601beea04\$46569240\$458519d4@juanjopectv>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

> De: M. Monninger <markem@primenet.com>
> A: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Asunto: 2N2/40 Sidetone
> Fecha: domingo 15 de agosto de 1999 7:15
>
> I'm pleased with my 2N2/40 except for the sidetone volume. It's LOUD!! I've
> been tinkering with it for the past couple nights but haven't made any
> improvements. I did install Jim's updated version of the mute circuit and
> it definitely gives more audio but the sidetone is still way too loud. Has
> anyone come up with a way to quiet it down? Or am I the only one having the
> problem? It also thumps a bit but I can live with that. Gotta do something
> about the sidetone, tho. Ideas anyone?
>
> 72/73 Mark AA7TA

Just guessing but, couldn't that C101, 2n7 errr 0.0027 uF capacitor be removed?. It is quite a low value but it seems like it could leak enough audio to raise the volume a lot. Maybe it could be tweaked down to a less sidetone volume value. Or maybe I am wholeheartedly wrong Just dropping an idea. Another idea would involve a JFET to make the W7EL muting stage, but it couldn't be achieved with a 2N2222, would it?.

73, 72 de Juanjo, EC5ACA/QRP. EA-QRP #104, G-QRP #9742, QRP-L #1662.

Date: Thu, 19 Aug 1999 03:29:58 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: "L. Jeffrey Hetherington" <jeff@systems95.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [47957] Re: FOX: Help!!
Message-ID: <Pine.OSF.3.95.990819032842.1990A-1000000@saturn1.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 19 Aug 1999, L. Jeffrey Hetherington wrote:

> Just looking for the FOX rules ... are they out yet???

Nope... soon though, stay tuned.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Thu, 19 Aug 1999 06:45:21 EDT
From: "Paul Gerhardt" <pgerhardt@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [47958] Argosy FS by Rich Arland
Message-ID: <19990819104522.60694.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Rich Arland, (not sure of sp?)

Do you still have the Argosy for Sale? Tried to e-mail but it bounced for some reason.

If anyone else has one I would be interestd too.

73...

Paul Gerhardt
K3PG
pgerhardt@hotmail.com

Get Free Email and Do More On The Web. Visit <http://www.msn.com>

Date: Thu, 19 Aug 1999 06:54:42 -0400
From: "Jerry W. O'Dell" <jwodel@ameritech.net>
To: qrp-1@lehigh.edu
Subject: [47959] www
Message-ID:
<19990819105603.NYMX11111.mailhost.det.ameritech.net@[206.141.216.183]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Anyone know how much power WWV runs on
60khz (or whatever their vlf time signal is)?

Thanks

73 jerry w8gnd

Date: Thu, 19 Aug 1999 07:01:10 -0400
From: mikemo@ibm.net
To: ianpurdie@integritynet.com.au
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [47960] Re: Radio Shack es Clocks
Message-ID: <37BBE3F6.A6A54178@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

It should be fairly easy to build a small magnetic loop antenna for 60kHz. Then an amp/detector, with a PIC to do the decode and display on an LCD. I'm sure that a larger loop should work better than the tiny little ferrite bar in the RS model. A couple of buttons to set the clock and the time zone, an LED for a "lock" indicator. I'm interested in playing around with this design, anyone else???

I did buy one of the RS clocks and it works well. I've got the antenna stuck on the wall, not near a window. It synchs up sometime between 3 and 5 AM here in west central FL. I'm actually amazed at how the VLF signals propagate. I guess I need to get some of the "lowfer" books and start reading.

72 de ku4qo, Mike Maiorana, Palm Harbor, FL

"Ian C. Purdie VK2TIP" wrote:

> If the demand is so great why don't we do our own kit? Let's list the
> specifications then prune back the wish list to what is
> practical/feasible financially.
>
> If we can't collectively do this then we should all give it away.

Date: Thu, 19 Aug 1999 06:43:33 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>

To: jwodel@ameritech.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [47961] Re: wwv
Message-ID: <001a01beea38\$1216b9e0\$e637a497@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Jerry,

The 60 kHz broadcast is WWVB, and not WWV (minor detail). The power has been increased lately and is said to be 50 kW but has been reduced to 27 kW this week to complete work on the second antenna system . You can find out more information at:

<http://www.boulder.nist.gov/timefreq/wwvstatus.htm>

I have a little bit (very little on WWVB) of information on one of my pages at:

<http://home.swbell.net/aa5tb/longwave.html>

I have some WWVB recordings that I will place on my page soon.

73,

Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Thu, 19 Aug 1999 06:48:51 -0500
From: George F Franklin <w0av@juno.com>
To: tahrens@hilconet.com
Cc: w0av@juno.com, qrp-1@Lehigh.EDU
Subject: [47962] Re: AA Battery Eating Digital Camera
Message-ID: <19990819.065916.-191597.0.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Tim

What is the terminal voltage of these NiMH cells?

Unless it is at least 1.5V this camera won't function. That is why I cannot use ni-cads.

72 and thanks!

de George/W0AV

Date: Thu, 19 Aug 1999 07:27:34 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <w7ox@mindspring.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [47963] RE: Radio Shack
Message-ID: <000201beea3e\$36ce8a50\$04987b7b@dooleydw>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yep, look what it was like when Lafayette, and Knightkit, and Allied radio (as we knew it then) went away. We don't know what we have until it's gone.

Dan WB5TKA

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> Phil Wheeler
> Sent: Wednesday, August 18, 1999 8:42 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Radio Shack
>
>
> Re this:
>
> Radio Shack provides a very useful resource.
>
> True, I'm not impressed with their staff in most cases (but if they knew
> more, they could likely get a job at Fry's <grin, big time!>).
>
> But imagine if all the RS stores in the world suddenly vanished: Big
> trouble for us ALL.
>
> Phil
>

Date: Thu, 19 Aug 1999 07:27:32 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <henryf@quartz.gly.fsu.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [47964] RE: Radio Shack
Message-ID: <000101beea3e\$35edee50\$04987b7b@dooleydw>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I was in a radio shop of some sort one day during the CB days - don't recall what I was looking for there, but this one catered to CB equipment. I heard the salesman discussing with a prospective customer the pros and cons of a couple of brands of radio he was looking at. Seems the biggest recommendation to the customer by the salesperson was, "I think this is a better radio. It has a bigger S-meter."

Yep, sure need to know how many pounds your pushing over here, good buddy.

Dan WB5TKA

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Henry Freedenberg
> Sent: Wednesday, August 18, 1999 8:42 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Radio Shack
>
>
> One needs to look at the technical sophistication of the average radio
> shack customer before judgement can be passed on the counter personnel.
>
> One of my buddies was working as a part time counter rep during the CB
> craze of the 70's. He swears that a customer walked into the shop with
> a clothes iron rated at 1600 watts. The customer was interested in
> converting the iron into an amplifier for his CB radio. 1600 watts is
> 1600 watts...right?
>
> Henry
>

Date: Wed, 18 Aug 1999 21:21:09 -0400

From: "Armin Hachmer" <armin@muskoka.com>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [47965] Re:Applause for Ten Tec
Message-ID: <000401beea3e\$fa31eb40\$47afd4c7@muskoka.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey Ron: Dont be surprised TenTec was nice to you, after all...
You GAVE away your Norcal Paddle...its all coming back to you ,
you fine , generous, human being.
P.S. Your paddle is alive and well and will get a good workout this weekend
in the Global Lighthouse/Lightship weekend.
Cheers
Armin Hachmer VE3TEQ
'Life is a contactsport'
armin@muskoka.com

Date: Thu, 19 Aug 1999 23:07:04 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [47966] unidentified call sign
Message-ID: <37BC0178.6C41F673@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

I have an email from 4Z7CBI, email address isil

Am I correct in assuming Israel

--
73's

Ian Purdie
VK2TIP "I'll give you the TIP mate"
Budgewoi N.S.W. Australia
Tel: 61 + 2 + 4399 3228 (2200 - 0800 U.T.C. please.)
QRP-L member #1978.
URL - <http://www.integritynet.com.au/~purdic/>

URL - <http://www.qsl.net/vk2tip/>

"Three out of five Web experts agree that frames are the work of the devil and represent all that is evil about the Web. The remaining two experts are agnostic and think that frames are just a stupid idea" -

Date: Thu, 19 Aug 1999 08:05:25 -0500
From: "Mark Hogan" <mhogan@email.msn.com>
To: <w0av@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [47967] Re: AA Battery Eating Digital Camera
Message-ID: <005e01beea43\$9d4c3c00\$6ae60181@mhoganws>

I know I'm gonna catch it for this...

Radio Shack 23-525 NiMH AA batteries are GREAT in digital cameras. We use DC260 Kodak's here at work and they eat 4 AA's in 8 pics. Changing to the above battery they take 25 or more pictures.

The charger is also a Radio Shack NiMH charger.

I researched this on some digital camera lists before finding it out. This is what they were all talking about.

The lists claimed the NiMH can take a bigger hit and recover, (i.e. flash) whereas the nicad or alkaline can't take that. I dont know about all that, but they do work!

I

Mark Hogan
Chief Of Security
City Of Tulsa
2317 S. Jackson
Tulsa, OK 74107
Office 918-596-9610
Fax 918-699-3012

----- Original Message -----

From: George F Franklin <w0av@juno.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Wednesday, August 18, 1999 8:00 PM
Subject: AA Battery Eating Digital Camera

> Hi Gang,

>

> I have a nice little Mustek VDC-200 digital camera that "eats" AA dry
> cells. It uses four of them.

>

> I tried 4 AA ni-cads, but even fully charged their voltage is too low to
> make the camera function.

>

> Someone told me that it is possible to purchase rechargeable batteries
> with the same voltage as alkaline AA cells, around 1.55 volts. Does
> anyone know about those?
>
> For reference, even high-dollar alkaline cells run the camera only about
> thirty minutes, or even less.
>
> Yes, this is QRP; 4 AA cells!
>
> 72 to all,
>
> George/W0AV

Date: Thu, 19 Aug 1999 09:10:22 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <dandooley@pipeline.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [47968] Re: Radio Shack
Message-ID: <002c01beea44\$32912000\$9001a8c0@mikey.wn.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

My perception from the 60's was the Radio Shack was more
'consumer'. They sold more things, and in my area was a much
nicer store. The Lafayette Electronics was in the same shopping
center as the Radio Shack. The two stores were night and day.

Radio Shack was friendly but didn't seem to know that much.
But they had parts walls to get resistors, caps, light bulbs, and
switches.

The Lafayette store had an impressive radio and stereo display.
But if you didn't want to buy a big ticket item, they treated you
like dirt. In fact, I put a CB in my uncle's car, and the Lafayette
guys wouldn't give me the time of day to sell me a replacement
whip, even though I could see the 9' things stacked in the corner.
I walked out, and bought one from the RS. I never went back into
the Lafayette store.

Ever.

Mike Yetsko
N1DVJ

-----Original Message-----

From: Dan W. Dooley <dandooley@pipeline.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Thursday, August 19, 1999 8:29 AM
Subject: RE: Radio Shack

>Yep, look what it was like when Lafayette, and Knightkit, and Allied
radio
>(as we knew it then) went away. We don't know what we have until it's
gone.

>

>Dan WB5TKA

>

>> -----Original Message-----

>> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf
Of

>> Phil Wheeler

>> Sent: Wednesday, August 18, 1999 8:42 PM

>> To: Low Power Amateur Radio Discussion

>> Subject: Re: Radio Shack

>>

>>

>> Re this:

>>

>> Radio Shack provides a very useful resource.

>>

>> True, I'm not impressed with their staff in most cases (but if they
knew

>> more, they could likely get a job at Fry's <grin, big time!>).

>>

>> But imagine if all the RS stores in the world suddenly vanished: Big
>> trouble for us ALL.

>>

>> Phil

>>

>

>

Date: Thu, 19 Aug 1999 09:33:06 -0400

From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [47969] Help with old Key
Message-ID: <00bb01beea47\$5f9f3700\$9001a8c0@mikey.wn.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have an old key I wanted to use. I got it back when I was in grade school from my uncle, who told me it came from my grandfather. He was officially a leverman with the PRR, but he also had a telegraphers button, so I think he did more then one job.

Anyway, it's an old J-38. The problem is the key bar has two brass screws with knurled nuts on them. One sticks down through the front and presses against the tension spring. The other is at the back and sets the free play of the key.

I only have one screw.

The screw and nut from the back is missing. The nut (if there really was one) on the screw to the spring is missing. I checked and as near as I can figure, these are 8-40 brass screws. (although 4.5x7.5 metric might also fit) But the rest of the screws are 10-32 or 8-32, so I suspect these were standard number 8 but the 40 pitch was chosen for fine adjustments.

Any place I can get these screws and nuts? I could probably get by with just one screw and nut to set the free play on the back. That would be 8-40 x 3/4".

Mike Yetsko
N1DVJ

Date: Thu, 19 Aug 1999 23:40:47 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [47970] Re: Radio Shack
Message-ID: <37BC095E.D364AD0@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Mike Yetzko wrote:

> My perception from the 60's was the Radio Shack was more
> 'consumer'. They sold more things, and in my area was a much
> nicer store. The Lafayette Electronics was in the same shopping
> center as the Radio Shack. The two stores were night and day.

For all the many other people internationally, going back many years, who
had no access to the USA, how I/we hated projects including Lafayette Part
No. XYZ789

What the hell were they?

73's

Ian Purdie

VK2TIP "I'll give you the TIP mate"

Budgewoi N.S.W. Australia

Tel: 61 + 2 + 4399 3228 (2200 - 0800 U.T.C. please.)

QRP-L member #1978.

URL - <http://www.integritynet.com.au/~purdic/>

URL - <http://www.qsl.net/vk2tip/>

"Three out of five Web experts agree that frames are the work of the devil
and represent all that is evil about the Web. The remaining two experts are
agnostic and think that frames are just a stupid idea" -

Date: Thu, 19 Aug 1999 06:54:38 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Ed Loranger <we6w@qsl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [47971] Re: Manually Operated Goniometer.
Message-ID: <Pine.BSI.3.96.990819063953.13457B-100000@usr02.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 18 Aug 1999, Ed Loranger wrote:

> Thanks Chris. I appreciate it very much. I'm
> really chomping at the bit to build one of these.
> I'm also building a small loop with sense antenna
> and pin diode sampling array for portable use. I

>
>
>

came up with the following:

of the theory of the goniometer on page 101.

Lots of references.

the back.

buried in the radio and antenna books.

Hope this is useful.

Chris

oo\
()

Tempe, Arizona 85285-5240

QRP Quarterly
QRP ARCI 9464

c__; c__; '-..'>.___ Email: ctrask@primenet.com
http://www.primenet.com/~ctrask

Graphics by Loek Frederiks

Date: Thu, 19 Aug 1999 09:54:51 -0400
From: Ken Newman <N2CQ@citnet.com>
To: QRP-L@lehigh.edu, njqrp@njqrp.org
Subject: [47972] QRP Contesting This Weekend
Message-ID: <3.0.6.32.19990819095451.00897670@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

~~~~~  
QRP CONTEST CALENDAR

THIS WEEKEND (and after)

AUGUST 21-23, 1999

~~~~~  
North American QSO Party (SSB) ... QRP Interest

Aug 21 - 1800z to Aug 22 - 0600z

Rules: <http://www.waterw.com/~ncj/naqso.htm>

~~~~~  
Michigan Challenge (CW) \*\*\* QRP Contest \*\*\*

August 21 - 1600z to 2000z

Rules: <http://www.tir.com/~k8dd/miqrp.htm>

~~~~~  
QRP NJ QSO Party (CW/SSB) *** QRP Contest ***

Aug 21 - 2000z to Aug 22 - 0700z

Aug 22 - 1300z to Aug 23 - 0200z

Rules: <http://www.arrl.org/contests/months/aug.html>

The NJ QSO Party NOW has a QRP Contest sponsored by NJ QRP Club.
Use the rules for the NJ QSO Party and add 100 pts per QSO
with WQ2RP, the club station, for your score.
Send logs by QRP stations to NJ QRP Club at N2CQ@ARRL.NET
or by mail to Ken Newman, 81 Holly Drive, Woodbury, NJ 08096.
Awards for QRPers will be provided by NJQRP. You may also enter
a log to the Englewood ARA, sponsor of NJ QSO Party, seperatly.
Awards for winning QRP stations given in each state, province, DX
country and NJ counties.

~~~~~  
NJ QSO Party (CW/SSB) ... NOT QRP

Aug 21 - 2000z to Aug 22 - 0700z

Aug 22 - 1300z to Aug 23 - 0200z

Rules: <http://www.arrl.org/contests/months/aug.html>

~~~~~  
Colorado QRP Club - Summer QSO Party (SSB/CW) *** QRP CONTEST!***

Aug 22- 1800z to 2400z

Rules: <http://home.sol.no/~janaalme/htmlrules/cqcsummer.html>

~~~~~  
.....More in August.....

~~~~~  
Hawaii QSO Party (CW/SSB) ... QRP Category

Aug 28 - 1600z to Aug 29 - 2200z

Rules: <http://home.sol.no/~janaalme/htmlrules/qsohi.html>

~~~~~  
Ohio QSO Party (CW/SSB) ... QRP Category

Aug 28 - 1600z to Aug 29 - 0400z

Rules: <http://www.qsl.net/mrrc/oqp.html>

~~~~~  
South Dakota QSO Party (CW/SSB)... QRP Category

Aug 28 - 1600z to Aug 29 - 2200z

Rules: <http://www.arrl.org/contests/months/aug.html>

~~~~~  
BUBBA Summer QRP Sprint (CW) \*\*\* QRP CONTEST! \*\*\*

Aug 29 - 1800z to 2200z

Rules: <http://www.arrl.org/contests/months/aug.html>

~~~~~  
72 de
Ken Newman - N2CQ
Woodbury, NJ
N2CQ@ARRL.NET

~~~QRP Contest Calendar~~~  
<http://www.njqrp.org/data/contesting.html>

~~~ NJ QRP Club Callsign ~~~  
WQ2RP

Date: Fri, 20 Aug 1999 00:06:09 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [47973] Re: OT Radio Shack
Message-ID: <37BC0F51.88677FB4@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Sorry BW,

Mike you replied, I inadvertently deleted, can u re-transmit?

73's

Ian Purdie

VK2TIP "I'll give you the TIP mate"

Budgewoi N.S.W. Australia

Tel: 61 + 2 + 4399 3228 (2200 - 0800 U.T.C. please.)

QRP-L member #1978.

URL - <http://www.integritynet.com.au/~purdic/>

URL - <http://www.qsl.net/vk2tip/>

"Three out of five Web experts agree that frames are the work of the devil and represent all that is evil about the Web. The remaining two experts are agnostic and think that frames are just a stupid idea" -

Date: Thu, 19 Aug 1999 07:14:00 -0700
From: David Shalita <af389@lafn.org>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Cc: Hugh E Wells <w6wtu@juno.com>
Subject: [47974] Spectrum Analyzer
Message-ID: <37BC1128.F49D7851@lafn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Jerry,

I built one, use it daily, find it useful, but has
LIMITATIONS. Due to my lack of mechanical packaging capabilities,
this SA project was a struggle for me.

Contact Hugh Wells, W6WTU regarding the
"Poor Man's Spectrum Analyzers" (SA) designed by Murray Barlowe?.

W6WTU@JUNO.COM

He is very familiar with using TV TUNERS and has built some of
these SA units.

I recommend you ALSO investigate the SA by Wes, W7ZOI,
if you want to make measurements on RF levels.

=====
A Spectrum Analyzer for the Radio Amateur

in August/September QST, 1998

See W7ZOI's web page at
<http://www.teleport.com/~w7zoi/>

73, W6MIK

--

David Shalita (Dave)
af389@lafn.org
Van Nuys, CA

Date: Thu, 19 Aug 1999 07:29:25 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: fifield@pacbell.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [47975] Re: Yeasu ATAS100 Antenna Problems?
Message-ID: <37BC14C5.71A21C60@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dave, Have you asked this at the antenna NG

rec.radio.amateur.antenna

There has been considerable discussion re the ATAS100 over the months as
I recall.

Phil

Dave Fifield wrote:

>

> Has anyone else out there got an ATAS100 antenna that they have mounted
> on a vehicle? I'm having problems with mine that seem to point to a design
> flaw. I'd be interested to hear from others who have had problems with
> the contact between the coil and the base section or problems where the
> antenna just won't move up or down at all.

>

> Dave Fifield
> AD6A

Date: Thu, 19 Aug 1999 07:32:58 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: mhogan@email.msn.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [47976] Re: AA Battery Eating Digital Camera
Message-ID: <37BC159A.D68713EA@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

INteresting .. but many such cameras will not use AAs; Mine uses a camcorder Li-Ion unit, for example. Non digital cameras use specific Li batteries.

Phil

Mark Hogan wrote:

>
> I know I'm gonna catch it for this...
> Radio Shack 23-525 NiMH AA batteries are GREAT in digital cameras. We use
> DC260 Kodak's here at work and they eat 4 AA's in 8 pics. Changing to the
> above battery they take 25 or more pictures.
> The charger is also a Radio Shack NiMH charger.
> I researched this on some digital camera lists before finding it out. This
> is what they were all talking about.
> The lists claimed the NiMH can take a bigger hit and recover, (i.e. flash)
> whereas the nicad or alkaline can't take that. I dont know about all that,
> but they do work!
> I
> Mark Hogan
> Chief Of Security
> City Of Tulsa
> 2317 S. Jackson
> Tulsa, OK 74107
> Office 918-596-9610
> Fax 918-699-3012
> ----- Original Message -----
> From: George F Franklin <w0av@juno.com>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Sent: Wednesday, August 18, 1999 8:00 PM
> Subject: AA Battery Eating Digital Camera
>
> > Hi Gang,
> >
> > I have a nice little Mustek VDC-200 digital camera that "eats" AA dry
> > cells. It uses four of them.
> >

> > I tried 4 AA ni-cads, but even fully charged their voltage is too low to
> > make the camera function.
> >
> > Someone told me that it is possible to purchase rechargeable batteries
> > with the same voltage as alkaline AA cells, around 1.55 volts. Does
> > anyone know about those?
> >
> > For reference, even high-dollar alkaline cells run the camera only about
> > thirty minutes, or even less.
> >
> > Yes, this is QRP; 4 AA cells!
> >
> > 72 to all,
> >
> > George/W0AV

Date: Thu, 19 Aug 1999 08:47:43 -0500
From: applitech@mcg.net (Claton Cadmus)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [47977] Re: Horizontal Loop Antenna
Message-ID: <02a501beea51\$38c2e5a0\$a10a5e2c@groucho>

There is an article in QST of May 1990 page 28 called "A Closer Look at Horizontal Loop Antennas" the antenna described is an 160 meter full wave loop at 50 ft up. There are mininec radiation patterns for 160 to 10 meters. The patterns are very interesting. You can get a good feel for how an 80 meter loop at 25 ft or a 40 meter loop at 12 ft would respond from these patterns as well.

Hope this Helps,

73 de KA0GKC Claton Cadmus

cla@mcg.net

MNQRP #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrp>

Date: Thu, 19 Aug 1999 08:46:33 -0600
From: "Bob Follett" <bfollett@ditell.com>
To: "QRP-L Group" <qrp-l@lehigh.edu>

Subject: [47978] Yet another Atomic UTC Clock
Message-ID: <013201beea51\$a54d26e0\$e037b3cf@bfollett>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang:

Bill, W1PA, who does not subscribe to qrp-l, but reads it, asked me to pass along the following:

<<The small Zeit travel alarm can show atomic UTC with date. I have two of them mounted side by side as my station clock, one showing local, one showing UTC, and the dates accordingly, seconds ticking away in unison, to handle all that fox-type date confusion.

<http://www.arctime.com/zeittravel.htm>

I have no financial interest in the company.... usual disclaimers.

Bill
w1pa/qrp>>

73, Bob

Bob Follett AB7ST
3133 American Saddler Drive (435) 649 6457
Park City, UT 84060

Date: Thu, 19 Aug 1999 09:06:05 -0600
From: "Bob Follett" <bfollett@ditell.com>
To: "QRP-L Group" <qrp-l@lehigh.edu>
Subject: [47979] AA NiNH and Digital Cameras
Message-ID: <014401beea54\$5d3724c0\$e037b3cf@bfollett>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang:

Phil Wheeler wrote:

<<INteresting .. but many such cameras will not use AAs; Mine uses a camcorder Li-Ion unit, for example. Non digital cameras use specific Li batteries.>

Perhaps, but most of the new designs at the higher end (2+megapixels) -- Nikon, Oly, etc., have standardized on 4 AA's. BTW, for those of you that want to take close-up radio construction photos, the new Nikon 950 focuses up to 2cm without any adapters! That's so close, its hard to get the shadow of the camera out of the way....

Relevant to QRP, the problem digital cameras incur is a momentary current draw of between 1.5 and 2amps! Alkalines obviously don't like that, but NiCads and NiNH can handle it. The good news is that the NiNH market has exploded. MAHA, Quest, DigiPower, and others all make 4 cell rapid chargers designed specifically for the NiNH battery, and the costs have fallen.

I paid \$35 for a rapid charger and 4 cells. Extra cells cost about \$4.50 each. They are rated at 1350ma -- a good size for a 2watt portable such as a SST/40a or SW+ series.

Downside? Like Li, they should be charged in parallel, not series. This means you need a AA battery holder rather than soldering them into a pack.

73, Bob

Bob Follett AB7ST
3133 American Saddler Drive (435) 649 6457
Park City, UT 84060

Date: Thu, 19 Aug 1999 10:17:53 -0500
From: "Joel Kluender, NF9K" <nf9k@eudoramail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, applitech@mcg.net
Subject: [47980] Re: Horizontal Loop Antenna
Message-ID: <KOMFIBMEOKGHAAAA@shared1-mail.whowhere.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

All,

I would agree with Claton that Mininec is a useful tool in evaluating a particular horizontal loop design which you are considering. Most of the information in the literature is for ideal square or delta loops at some constant height.

More realistically, your particular loop may have different corners at different heights and the shape may not be a perfect polygon.

So I'd like to make a standing offer to anyone who is considering erecting a horizontal loop, but doesn't have access to EZNEC. I own a copy of EZNEC, and I would be happy to run a simulation of any loop you are considering. I actually find it to be a lot of fun and not a lot of work, and educational for me to boot. Just send me the following info...

(1) the (x,y,z) coordinates of all "corners" of your antenna. E.g., a 120' perfect square loop at 20 feet would have coordinates (0,0,20); (0,30,20); (30,30,20); (30,0,20). You may have more or less than four corners - i.e., any shape can be simulated. I can work in meters as well, just make it clear what you are using in your coordinates.

(2) The location of the feedpoint, and the characteristic impedance of the (assumed balanced) feedline you will be using. Give me the feed location relative to one of the "corners" given in step (1)

(3) The frequency bands for which you want an analysis (bands you are contemplating running the beast on)

I will run the simulations and get you the information on SWR and radiation pattern on the bands of interest to you somehow. I don't know if there will be any way to send files electronically, so at this point assume I'll mail you some paper printouts if all else fails.

73 and God Bless,
Joel NF9K

Joel Kluender, NF9K
870 Prairie Street S.
Shakopee, MN 55379

Great is the Lord, and worthy of praise!

On Thu, 19 Aug 1999 08:47:43 Claton Cadmus wrote:

>There is an article in QST of May 1990 page 28 called "A Closer Look at
>Horizontal Loop Antennas" the antenna described is an 160 meter full wave
>loop at 50 ft up. There are mininec radiation patterns for 160 to 10
>meters. The patterns are very interesting. You can get a good feel for
>how an 80 meter loop at 25 ft or a 40 meter loop at 12 ft would respond
>from these patterns as well.

>

>Hope this Helps,

>----

>73 de KA0GKC Claton Cadmus
>cla@mcg.net
>MNQRP #1
>Minnesota QRP'ers we're looking for you!
>Email me or visit this page <http://www.qsl.net/mnqrp>
>
>
>
>
>

Join 18 million Eudora users by signing up for a free Eudora Web-Mail account at
<http://www.eudoramail.com>

Date: Thu, 19 Aug 1999 08:20:41 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio <qrp-1@Lehigh.EDU>
Subject: [47981] Western Wranglers Fox Team
Message-ID: <Pine.GS0.4.10.9908190805010.8254-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

OK All,

This is the only warning you'll get....(at least until
the next one....)

During the upcoming fox hunts be very aware that there
will be signals coming from the West that WILL be heard
by all Foxi.

These signals will be produced by various equipment at
power levels below one watt.

If you are in a pile up for a Fox during a Fox Hunt and
you are NOT the Fox but are instead a Fox Hunter, when
you hear one of the following calls you MUST disconnect
your antenna ASAP to prevent any damage to your RX.

K7TQ, Randy, ID
K7QO, Chuck, AZ
WW7Y, Steve, UT
KU7Y, Ron, NV

NOTICE:

We, the Western Wranglers, will NOT be responsible for any damaged equipment that was not disconnected from any antennas.

After 5 minutes it should be OK to again listen for any of the above calls. If none are heard you may safely resume your Fox Hunting.

Good luck to all.....

: -)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 19 Aug 1999 08:26:54 MST
From: "Chuck Adams, K7Q0" <k7qo@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [47982] WWV Clock Solved
Message-ID: <19990819152655.87010.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Gang,

Bill, W1PA/QRP, sent me email with the following URL and hopes hoping that I can type.

<http://www.arctime.com/zeittravel.htm>

At \$59.95, looks like a group buy coming up, or asking some retailers to give us a deal. This clock does do UTC and 24 hr format. Travel alarm, but who cares.

The Heathkit GC-1000 has one additional feature that I really care about and that is the 'sync' feature that calibrates a 3.600000 MHz output signal to WWV. Used to check frequency counters all the time. (no pun intended) :-)

FYI

Get Free Email and Do More On The Web. Visit <http://www.msn.com>

Date: Thu, 19 Aug 1999 11:09:15 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: K2UD@aol.com
Cc: qrp-1@lehigh.edu
Subject: [47983] Re: It's twins! (2N2/40s)
Message-ID: <199908191551.LAA19210@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

What a pleasure it was to work Howard, K2UD with his freshly minted 2N2/40!!

I had just finished making a few minor changes to my somewhat basterdized version of the 2N2er, put it on the air and started calling CQ. What a suprise when Howard came back and said he was using a newly built 2N2/40, finished not less than 20 minutes earlier! Howard's first QSO with the new 2N2/40 and the first QSO with mine with the new IC audio stages installed.

I've been hoping for a while to work a 2N2/40 and to finally find one and be it's first QSO is something special. Just can't get any beter than that :-)

There was a lot of QRN, I just read in the paper some strong T-Storms were happening about that time down state, but Howards 2 watts were comming in great until the gray line started to shift and some QRM started moving in.

Howard did a great job on the VFO, didn't drift at all durring the QSO. Didn't have to use RIT once and his offset was just perfect. No chirp and no clicks, wonderful signal. Better print another certificate there Preston :-)

Now back to your regularly scheduled Radio Shack thread...

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Thu, 19 Aug 1999 11:09:16 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu
Subject: [47984] WWWV Rx
Message-ID: <199908191551.LAA19219@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

> It should be fairly easy to build a small magnetic loop antenna for
> 60kHz. Then an amp/detector, with a PIC to do the decode and display on

Couple of winters ago I tried building a WWWV Rx. We don't get a good
signal here in the North East (might be better now) so made a 3 ft
shielded loop, whole bunch of turns on the loop and resonated with a
0.001 ufd cap. Found it was real good at picking up the ballest
xformers of my overhead flourecent lights and the computer switching
supply 30 ft away!

Didn't have any luck making it work as a direct TRF receiver, so made
a super het with a 100 Khz IF, happend to have an old 100 Khz xtal
filter in the junk box. With that, I was able to hear WWWV, or at
least see the time stamp modulation with the Scope.

That's as far as I got. Decoding and displaying the time signal would
be a whole 'nother project!

There's a Navy VLF station on I belive 17 Khz about 50 miles away in
Maine, can pick them up with a simple ferrite rod antenna!

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Thu, 19 Aug 1999 10:13:03 -0600
From: Rod Cerkoney <rwc@frii.com>
To: k7qo@hotmail.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [47985] Re: WWV Clock Solved
Message-ID: <19990819101303.22466@frii.com>

Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Chuck, et. al.

I just called Arctime.

That clock is being discontinued, they have about 2000 left, and THEY WILL DO A QUALITY DISCOUNT.

\$49.95 for 20 clocks

\$42.95 for 100 clocks

They can't go much lower than 42.95.

I'd be happy to do the group buy/distrib. I'll be out of town and away from email for 10 days starting Aug 23rd. So I proposed opening the "order window" for 2 weeks starting now. I'll place the group order Sept 5th. I'll ship USPS Priority. Total cost 3.20 (shipping) + cost of clock. Lets do a round of email to get a count on the number of clocks to determine price. I'll get email out over the weekend with final details.

PLEASE PUT ARCTIME IN THE SUBJECT LINE OF YOU MAIL SO I CAN FILTER IT EASILY.

On Thu, Aug 19, 1999 at 08:26:54AM -0700, Chuck Adams, K7QO wrote:

>
> Gang,
>
> Bill, W1PA/QRP, sent me email with the following URL and heres
> hoping that I can type.
>
> <http://www.arctime.com/zeittravel.htm>
>
> At \$59.95, looks like a group buy coming up, or asking some
> retailers to give us a deal. This clock does do UTC and 24 hr
> format. Travel alarm, but who cares.
>
> The Heathkit GC-1000 has one additional feature that I really
> care about and that is the 'sync' feature that calibrates a
> 3.600000 MHz output signal to WWV. Used to check frequency
> counters all the time. (no pun intended) :-)

>
> FYI
>
>
>
>
> -----
> Get Free Email and Do More On The Web. Visit <http://www.msn.com>

--
72/3 Rod, N0RC
da di dah

Date: Thu, 19 Aug 1999 11:07:31 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: nf9k@eudoramail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [47986] Re: Horizontal Loop Antenna
Message-ID: <37BC2BC3.1127B9B4@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

EZNEC will likely give much more meaningful and accurate results for antennas that are relatively low to the ground. I recall that Mininec errors go up rapidly as the height above ground becomes less than about 0.2 wavelength. EZNEC does not have this problem.

72/73, George AMA 98452 R/C since 1964

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

"Joel Kluender, NF9K" wrote:

>
> All,
>
> I would agree with Claton that Mininec is a useful tool in evaluating a particular horizontal loop design which you are considering.

Date: Thu, 19 Aug 1999 10:16:58 -0600
From: Rod Cercone <rwc@frii.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [47987] Re: WWV Clock Solved
Message-ID: <19990819101658.47891@frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

oops got company name wrong it's Arcron, _NOT_ Arctime. sri -rc-

On Thu, Aug 19, 1999 at 10:13:03AM -0600, Rod Cercone wrote:

> Chuck, et. al.
>
> I just called Arctime.
>
> That clock is being discontinued, they have about 2000 left, and THEY
> WILL DO A QUALITY DISCOUNT.
>
> \$49.95 for 20 clocks
>
> \$42.95 for 100 clocks
>
> They can't go much lower than 42.95.
>
> I'd be happy to do the group buy/distrib. I'll be out of town and
> away from email for 10 days starting Aug 23rd. So I proposed opening
> the "order window" for 2 weeks starting now. I'll place the group
> order Sept 5th. I'll ship USPS Priority. Total cost 3.20 (shipping)
> + cost of clock. Lets do a round of email to get a count on the
> number of clocks to determine price. I'll get email out over the
> weekend with final details.
>
> PLEASE PUT ARCTIME IN THE SUBJECT LINE OF YOU MAIL SO I CAN FILTER IT
> EASILY.
>
>
>
>
>
> On Thu, Aug 19, 1999 at 08:26:54AM -0700, Chuck Adams, K7QO wrote:
> >
> > Gang,
> >
> > Bill, W1PA/QRP, sent me email with the following URL and heres
> > hoping that I can type.
> >
> > <http://www.arctime.com/zeittravel.htm>
> >
> > At \$59.95, looks like a group buy coming up, or asking some

> > retailers to give us a deal. This clock does do UTC and 24 hr
> > format. Travel alarm, but who cares.
> >
> > The Heathkit GC-1000 has one additional feature that I really
> > care about and that is the 'sync' feature that calibrates a
> > 3.600000 MHz output signal to WWV. Used to check frequency
> > counters all the time. (no pun intended) :-)
> >
> > FYI
> >
> >
> >
> > -----
> > Get Free Email and Do More On The Web. Visit <http://www.msn.com>
>
> --
> 72/3 Rod, N0RC
> da di dah

--
72/3 Rod, N0RC
da di dah

Date: Thu, 19 Aug 1999 12:33:08 -0400 (EDT)
From: David Ritchie <der@m3106der.atl.hp.com>
To: qrp-l@lehigh.edu
Subject: [47988] AOL and bounced messages....
Message-ID: <199908191633.MAA09143@m3106der.atl.hp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

AOL and bounced messages - a possible cause of the problem.

From my understanding, AOL does do quite a bit to eliminate spam to its members. My guess is that the spam filters are picking up on the high volume of forwarded qrp-l traffic, thus causing AOL users to get cut off.

My recommendation - turn on the Digest option to qrp-l if you are an AOL subscriber! This will cause 1 (rather large) message a day instead of the 40-50+ that is normal for the list... I suspect this may also be true of other ISP's also.

Dave, N4DJS

Date: Thu, 19 Aug 1999 12:30:01 EDT
From: Robsparks@aol.com
To: qrp-1@lehigh.edu
Subject: [47989] AR QRP 40m Net Results
Message-ID: <a9a2a20b.24ed8b09@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The AR-QRP Net 17 QNIs last night including some new ops! Propagation was good, and our first VE QNI of the season came in at about 339. Welcome back Ron, VE3SP! The net began at 0030Z and ran over to 0132Z. Everyone had something to say, and it was surely fun to hear about those new antennas and kits being built. We only lost a couple of ops during the net due to conditions. The net is a fun place to just listen and brush up on CW, even if one does not choose to QNI! Thanks to those who participated! Here are the stations that checked in:

| | |
|--------|-------------|
| K5ZTY | Bill |
| KB9BVN | (Lost him!) |
| W2XN | Fred |
| KF4KSM | Mac |
| W5JAY | Jay |
| N5IB | Jim |
| K9UT | Jerry |
| AB5WX | Dave |
| K8NWD | Tim |
| KE4R | Garrett |
| AB8DF | Ed |
| WA4SQM | Ken |
| VE3SP | Ron |
| K5UF | Randy |
| KC0M | Larry |
| WB2GIN | (Lost him!) |
| AE4IC | Bob |

The NCS was Bob AB5ZD, using the AR QRP Club call NQ5RP, QTH Alexandria LA, running 5 watts to a G5RV up about 25 feet in pecan trees. Orientation of the ant wire is NNW to SSE. Following is a list of Arkansas QRP Club nets:

| | | |
|-----------------|-------|-----------|
| Monday Night | 0030Z | 3.560 MHz |
| Wednesday Night | 0030Z | 7.042 MHz |

Non-members are welcome (and encouraged) to QNI!

72,

Bob AB5ZD

Date: Thu, 19 Aug 1999 12:30:30 EDT
From: SABorns@aol.com
To: qrp-1@lehigh.edu
Subject: [47990] Battery Chargers
Message-ID: <cf84afaf.24ed8b26@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

Check out the smart Quick Charger design using the Maxium 713 in the handbook. It can be set up for charging battery packs of multiple cells at various quick charge rates. After peaking the cells (or timing out which is also settable) it switches to trickle charge. The chips are available from Digi Key and there is even a PCB available from FAR. Incidentally the terminal voltage of metal hydride batteries is also 1.2 v. Therefore a digital camera with a 4 cell pack may not function at 4.8v instead of the normal 6v obtained with Alkaline batteries. The metal hydride batteries have about twice the capacity of Nicd's.

73, Steve K8IDN

Date: Thu, 19 Aug 1999 12:40:30 EDT
From: PDouglas12@aol.com
To: kd1jv@moose.ncia.net, qrp-1@lehigh.edu
Subject: [47991] Re: It's twins! (2N2/40s)
Message-ID: <74db0d35.24ed8d7e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Good job guys on the 2N2/40 X 2 QSO. Now, the race is on for the last single digit certificate. FCFS (first come, first served!) I think #8 is spoken for, so only #9 remains. On the other hand, #10 is a nice round number. I

need a photo, the call of your first contact, and please, a 9 X 12 SASE, so I don't have to fold your certificates! And hey Steve, do we have to call yours a 2N2/40 plus?

72,

Preston WJ2V

Date: Thu, 19 Aug 1999 16:48:53 +0000
From: Ed Loranger <we6w@qsl.net>
To: david.gauding@bbs.galilei.com
Cc: qrp-1@lehigh.edu
Subject: [47992] Re: Feedline Measurements- Computer Ribbon Line
Message-ID: <37BC3575.7321@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Dave, I just read your 8/17 post detailing your success with computer ribbon cable feedline.

I'm sorry I missed the post until this morning as this is probably been hashed out by now. Anyway, just wanted to mention that my theme was more about it having a wide array of impedance variations as one changes frequency.

Depending on the antenna impedance itself, the standing waves on the feedline can vary considerably. But as with most non-coaxial lines, the losses will probably be less than coax at the same length, finding the ribbon cable useful -- hence your report.

I'll be the first to admit that I often twisted pair, #20 AWG teflon wire together and use it for feedline. Ask Allan/K7GT for more details on that. He alluded to it in our ARS Sojourner report. :)

My point is that one cannot select this line for a particular antenna impedance to match up the line to the antenna. Not like you can connect 75 Ohm coax to a high dipole, or 300 Ohm twinlead to a folded dipole. If this is a consideration, then I wouldn't select ribbon cable unless it is single band with the antenna impedance matching the feedline impedance at this frequency.

This problem exists with coax as well at very low frequencies. Tables of impedance of coax under 10 MHz have interesting numbers.

Hopefully my comments are viewed as measurement data and not a slam on one's emergency feedline. Even rubber insulators can be used at 50 MHz, but insulating properties degrade quickly and rubber feedthrus for UHF twinlead TV reception into an RV might work, but it is nice to know it can get better with other low-cost plastics or ceramics.

It's nice to know how what you use works.

Take care Dave and cu on the bands. 72/Ed we6w

--

-Ed AR Millennium Q's=>1000/2000 QRP-L#1068 BB#101
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

Date: Thu, 19 Aug 1999 13:42:05 -0400
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [47993] 40 M vertical vs inverted vee
Message-ID: <37BC41ED.1E4B@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For a comparison between a 40 meter 33 foot vertical with two radials and a 40 M inverted vee at 33 feet (not coincidentally, the height of the DK9SQ fiberglass mast...), see:

<http://www.arrl.org/~ehare/qrp/vertiinv.htm>

If any of you don't have Web access, email me and I will mail it to you.

73,
Ed Hare, W1RFI

Date: Thu, 19 Aug 1999 12:52:14 -0500
From: "Joel Kluender, NF9K" <nf9k@eudoramail.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, w5yr@swbell.net
Subject: [47994] Re: Horizontal Loop Antenna
Message-ID: <HHCKJGOKKBPHAAAA@shared1-mail.whowhere.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

George is absolutely correct.

EZNEC has a high accuracy ground model that can deal with wires at fairly small fractional wavelengths above ground. I have EZNEC, and that's all that my experience is based on. But so far I've been very pleased in that the predicted lobes seem to be consistent with on-the-air results.

Joel NF9K

Joel Kluender, NF9K
870 Prairie Street S.
Shakopee, MN 55379

Great is the Lord, and worthy of praise!

On Thu, 19 Aug 1999 11:07:31 George T. Baker wrote:

>EZNEC will likely give much more meaningful and accurate results for
>antennas that are relatively low to the ground. I recall that Mininec
>errors go up rapidly as the height above ground becomes less than about
>0.2 wavelength. EZNEC does not have this problem.

>

>72/73, George AMA 98452 R/C since 1964

>Amateur Radio W5YR, in the 53rd year and it just keeps getting better!

>AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County

>QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

>

>

>"Joel Kluender, NF9K" wrote:

>>

>> All,

>>

>> I would agree with Claton that Mininec is a useful tool in evaluating a particular horizontal loop design which you are considering.

>

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Date: Thu, 19 Aug 1999 14:11:01 -0400
From: Michael Maiorana <mikemo@ibm.net>
To: k7qo@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [47995] Re: WWV Clock Solved
Message-ID: <37BC48B5.B1CFFC3E@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I was looking at the web site listed below, but from the looks of the display I don't see how this clock could display a 2 in the tens of hours space. I didn't see the list state that it was a 24 hr version. Did I miss something?

> <http://www.arctime.com/zeittravel.htm>
>
> At \$59.95, looks like a group buy coming up, or asking some
> retailers to give us a deal. This clock does do UTC and 24 hr
> format. Travel alarm, but who cares.

--
72 de KU4QO
Mike Maiorana
Palm Harbor, FL

"Has anyone seen my youthful exuberance? I must have misplaced it."

Date: Thu, 19 Aug 1999 14:48:55 -0400
From: "Jerry Henshaw" <jhenshaw@bellsouth.net>
To: qrp-1@Lehigh.EDU
Subject: [47996] WWW Clock Solved
Message-ID: <199908191740.NAA00597@websmtp1.bellsouth.bigfoot.com>

RATS!!!!

Now wouldn't you know it. I saw the posting about the 24hr format WWVB clock. Sooo I commence to call the vendor and ordered one for \$59.95. Within a few minutes K7QO posts the suggestion for a group buy THEN another post describes the discount schedule for volume buys.... meanwhile my order is being processed at the original price!

BTW the clock will display in 24 hour format ONLY in UTC mode NOT in local time mode. Local is still AM and PM. Sounds like a field mod is in the making here.

I already have a R/S WWVB clock (works great) that I now will dedicate to local time only and use the new clock to display UTC.

This is what I get for being an impulse buyer.... I guess I can get some satisfaction on being an early adopter.... closely akin to pioneers... the ones with the arrows in their backs.

The moral of this story..... count to 10 before you jump off and buy anything with this group lurking around.

72's

Jerry Henshaw
KR5L/4
K2 #00015

Access your e-mail anywhere, at any time.
Get your FREE BellSouth Web Mail account today!
<http://webmail.bellsouth.net>

Date: Thu, 19 Aug 1999 11:41:56 -0700
From: Elliott Lawrence <edl@pacbell.net>
To: mikemo@ibm.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [47997] Re: WWV Clock Solved
Message-ID: <37BC4FF4.1F48@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I agree with your observation Mike. Wondering if anyone has any experience with receiver overload when operating on 30 meters. It appears that only the super duper model with RS-232 interface

specifically says that it will provide a 24 hour clock.

72

Elliott WA6TLA

Michael Maiorana wrote:

>
> I was looking at the web site listed below, but from the looks of the display I
> don't see how this clock could display a 2 in the tens of hours space. I didn't
> see the list state that it was a 24 hr version. Did I miss something?
>
> > <http://www.arctime.com/zeittravel.htm>
> >
> > At \$59.95, looks like a group buy coming up, or asking some
> > retailers to give us a deal. This clock does do UTC and 24 hr
> > format. Travel alarm, but who cares.
>
> --
> 72 de KU4QO
> Mike Maiorana
> Palm Harbor, FL
>
> "Has anyone seen my youthful exuberance? I must have misplaced it."

Date: Thu, 19 Aug 1999 12:43:55 -0600
From: "Rod, N0RC" <rwc@frii.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [47998] ARCTIME: GROUP BUY UPDATE
Message-ID: <00a301beea72\$ee0f3d20\$4e8711d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

1. We've hit 20 clock requests. So we now have the price down to \$49.95 + shipping costs. I'm sure the count will go higher. (I will be advertising this to local ham clubs and out ARES group to.)

2. Some questions have come up:

2.1 Does the clock do 24HR format?

I asked the sales/marketing rep at Arcron, they assured me it does. Also Bill W1PA reported on QRP-L that he has a friend with two of these units and

they do 24Hr UTC.

2.2 Will Acron honor the 30day guarantee for the group buy?

TBD

I'll update the Q&A as more Q's and A's become available.

72/3 Rod, N0RC
da di dah

Date: Thu, 19 Aug 1999 20:55:37 +0200
From: "Ralf K. Buschner" <r_buschner@knuut.de>
To: <w1rfi@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [47999] Re: 40 M vertical vs inverted vee
Message-ID: <000b01beea74\$71003ee0\$7be5e495@robber>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> For a comparison between a 40 meter 33 foot vertical with two
radials
> and a 40 M inverted vee at 33 feet (not coincidentally, the height
of
> the DK9SQ fiberglass mast...), see:
>
> <http://www.arrl.org/~ehare/qrp/vertiinv.htm>

Hallo, am i thinkin' right?
Thats a plus of abt 4dB for the inverted V !?

73 de Ralf, dl5mhk

Date: Thu, 19 Aug 1999 13:59:20 -0500
From: "Mark Hogan" <mhogan@email.msn.com>
To: "QRP LIST" <qrp-l@Lehigh.EDU>
Subject: [48000] SST

Message-ID: <01e001beea75\$33503400\$6ae60181@mhoganws>

My SST runs from 7.0245 - 7.0405. How can I get that lil bugger to go up to 7.042 so I can do the AR-QRP net? I can't find any info in the manual about moving the freq.

Also I notice the receive on my 38 special is a lot nicer to listen to then the SST. The signals sound purer and the noise level is less, could be that 30m is just a nicer band :)

maybe a new kit is in the need here

Any Ideas...

Mark Hogan / N50BC

Date: Thu, 19 Aug 1999 13:21:08 -0600
From: Larry East <wlhue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [48001] QRP+ Mod Correction
Message-ID: <3.0.3.32.19990819132108.0091d260@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The correction to my January 1997 QRP Quarterly article on QRP+ Mods has now been posted on the ARCI Web site:

<http://www.qrparci.org/arcibod.html#Correction>

Date: Thu, 19 Aug 1999 14:19:35 -0500
From: "Joel Kluender, NF9K" <nf9k@eudoramail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, r_buschner@knuut.de
Subject: [48002] Re: 40 M vertical vs inverted vee
Message-ID: <0LCCAIPPONDIAAAA@shared1-mail.whowhere.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ralf,

The data at the ARRL site show ~ 4dB difference between the PEAKS of the elevation patterns. Eyeballing the graphs shows that at the peak in vertical is at about 25-30 degrees elevation. The peak in the inverted vee is at 90 degrees elevation - straight up. If you compare the radiation at the lower angle peak of the vertical, it looks to me that the two antennas are within 1 dB of each other.

Having said that, we need to remember that

(1) a vertical with two radials will not do very well compared to one with a better ground plane. With a better ground system, the vertical can and does far outperform the inverted vee at low radiation angle say ≤ 25 degrees or so.

(2) Different antennas are appropriate for different goals. If you want good DX, go with a vertical with many radials. If you want the closer in contacts, go with the inverted vee.

Joel NF9K

Joel Kluender, NF9K
870 Prairie Street S.
Shakopee, MN 55379

Great is the Lord, and worthy of praise!

On Thu, 19 Aug 1999 20:55:37 Ralf K. Buschner wrote:

>
>> For a comparison between a 40 meter 33 foot vertical with two
>radials
>> and a 40 M inverted vee at 33 feet (not coincidentally, the height
>of
>> the DK9SQ fiberglass mast...), see:
>>
>> <http://www.arrl.org/~ehare/qrp/vertiinv.htm>
>
>Hallo, am i thinkin' right?
>Thats a plus of abt 4dB for the inverted V !?
>
>73 de Ralf, dl5mhh
>
>
>

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Date: Thu, 19 Aug 1999 15:23:25 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>ku7y@dri.edu
Subject: [48003] Re: Western Wranglers Fox Team
Message-ID: <3.0.32.19990819152321.00734880@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>
>If you are in a pile up for a Fox during a Fox Hunt and
>you are NOT the Fox but are instead a Fox Hunter, when
>you hear one of the following calls you MUST disconnect
>your antenna ASAP to prevent any damage to your RX.
>
>K7TQ, Randy, ID
>K7Q0, Chuck, AZ
>WW7Y, Steve, UT
>KU7Y, Ron, NV
>
>
>NOTICE:
>
>We, the Western Wranglers, will NOT be responsible for
>any damaged equipment that was not disconnected from
>any antennas.
>
>After 5 minutes is should be OK to again listen for any
>of the above calls. If none are heard you may safely
>resume your Fox Hunting.
>
>Good luck to all.....
>
>:-)
>
>73, Ron, SOWP 5545M,
>
>.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
>....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
>....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....
>
Ron et all.
Balderdash!!! The Mangy Mushers have salvaged some energy
absorbers from downed UFOs so you won't be a problem.
In fact, we are saving that energy for the great Y2K event.

72/3 Pete NV4V one of the Mangy Mushers vvvvvvvvvvv

Date: Thu, 19 Aug 1999 15:54:58 -0400
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-1@lehigh.edu
Subject: [48004] Re: 40 M vertical vs inverted vee
Message-ID: <37BC6111.7986@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Joel Kluender, NF9K wrote:

> The data at the ARRL site show ~ 4dB difference between the PEAKS of the elevation patterns. Eyeballing the graphs shows that at the peak in vertical is at about 25-30 degrees elevation. The peak in the inverted vee is at 90 degrees elevation - straight up. If you compare the radiation at the lower angle peak of the vertical, it looks to me that the two antennas are within 1 dB of each other.

At 25 degrees, The invtee "wins" by about 1.5 dB, from the program results.

At 45 degrees, the invtee is about 6 dB better than the vertical. At 25-30 degrees, they are about the same. If the invtee was up 60 feet, it would win hands down. In fact, with the invtee at 60 feet, it showed 4.6 dBi at 25 degrees, compared to the vertical with -2.4 dBi.

A slightly different model (using High Accuracy ground), shows for a vertical with two radials, at 45 degrees (a good angle for 40M up to about 1000 miles), two radials = -3.8 dBi, 4 radials = -2.3 dBi and 24 radials = -1.6 dBi.

Interestingly, with 1 radial, the vertical showed directivity in the direction of the radial, with a F/B of about 8 dB. In the main lobe, at 45 degrees elevation, the gain was about - 4 dBi.

Just food for thought. What this tells me is that if I can get that horizontal antenna up 30 feet or so, it will be better than a vertical with a poor radial system for 1,000 miles, about the same as that vertical for longer paths. If I can put down a decent radial system, the vertical is a couple of dB down for close paths, and a couple of dB ahead for long ones. I was a bit surprised that the vertical, with 2 radials, worked as well as it did. This did tell me that if I am in a situation where the antenna police would make me take down an invtee, I can make do with a vertical. :-)

I plan on setting my antenna up so I can run it as an invtee, or as a vertical, with a provision to lay out one leg as one of the radials and clip lead on about 3 more. That should be a reasonable compromise. The DK9SQ mast makes it easy to run it up to 30 feet (the top section is too thin, IMHO, so I don't use it for wire dipoles) or to 33 feet as a vertical.

BTW, on 20 meters, things start to change. That 20 m dipole at 30 feet will generally outperform a vertical for angles of propagation expected for QRP work on 20 M.

73,
Ed, W1RFI

Date: Thu, 19 Aug 1999 12:58:14 -0700 (PDT)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [48005] Milliwatt DX'ing
Message-ID: <19990819195814.19614.rocketmail@web701.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Earlier this year and during the ARRL CW DX contest, conditions on 15/10M were good for skip.

To test milliwatt power in a DX situation I ran my power down on the Index Labs QRP+ using my OHR WM-2. The antenna is a 2 ele quad at 70'. And a simple wire vertical, hanging on a Black Widow collapsable fishing pole, with 2 radials laying on the ground.

In and around this contest, 110 DX stns were wrked with mW, & went into my logs. There are 47 different DXCC countries. Highest power used was 500mW on an EA4 stn & lowest power was a G4 stn at 5mW. The G4 stn gave me a 559, and there were no repeats needed so I believe that report.

I have received 16 DX QSL cards so far and the total power on all of them is 880mW.

Useing DX-cental dot com, <http://www.dx-central.com/>
I have found many of these DX stns have managers in the states and will be going after these QSL cards

next. By then I should have my 1st 25 countries for
milliwatt DXCC.

As I have read in ARCI QRP Quarterly, Bob White's
milliwatt articles, its easier to work DX with mW than
stateside.

Just as with 5 watt QRP, 5 milliwatt QRPP dosnt meen
anyone has to strain there ears. If condx allow I do
it. If not I go to 5w. If 5w wont work I turn off the
radio.

Lately conditions have been kind of sorry for skip.
And Ive been concentrating on the mW WASTP & 20M. Or
milliwatt Worked All States Total Points. More about
that effort in afew days.

Here in the Ozarks its very hot and dry, bring on the
fall, bring on the rain, and bring back 10/15M !

72 - 71's de Jim KJ5TF

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Thu, 19 Aug 1999 16:05:22 EDT
From: K2UD@aol.com
To: qrp-l@lehigh.edu
Subject: [48006] Re: 2N2/40 Sidetone
Message-ID: <d1bfa5fe.24edbd82@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For those folks who would like to keep their hearing intact whilst using the 2N2/40, I have found that changing R31 (with the original mute circuit) to 5.6M ohms provides the most pleasing sidetone to my ears. I tried 10M ohms, too quiet. 4.7M ohms was just a bit too much, it seems that 5.6M ohms is the magic number.

This will provide a good level of sidetone at all settings of the volume pot. It will disappear when the volume is turned all the way down, but so will rcv audio!

GL to all builders of the 2N2/40, you will enjoy the spoils of your labor.

72

Howard Kraus, K2UD

Date: Thu, 19 Aug 1999 14:58:24 -0500
From: George F Franklin <w0av@juno.com>
To: SABorns@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [48007] Re: Battery Chargers
Message-ID: <19990819.150700.-93683.0.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Steve,

Thanks for your comments.

72 de George/W0AV

Date: Thu, 19 Aug 1999 16:14:46 EDT
From: K2UD@aol.com
To: PDouglas12@aol.com
Cc: qrp-1@lehigh.edu
Subject: [48008] Re: It's twins! (2N2/40s)
Message-ID: <a541e581.24edbf6@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey Pres,

#9 will probably be mine too, as I will put the #2 rig on the air tonight (Thursday). Pictures to follow, as soon as I can find out how to capture and send .gif files.

72

Howard Kraus, K2UD

Date: Thu, 19 Aug 1999 21:48:12 +0000
From: "Mel Evans, Registered Arachne User" <mel@euramcom.freesevice.co.uk>
To: henryf@quartz.gly.fsu.edu
Cc: qrp-1@lehigh.edu
Subject: [48009] Questions
Message-ID: <E11HZ0f-0000W9-00.1999-08-19-21-42-05@mail9.svr.pol.co.uk>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Henry,

I have the "last" HW9 sold in kit form by the last retail dealer here in the UK, Cedar Electronics. The unit is boxed with all original construction manuals etc, and may get built sometime, although I am loathe to do so, and "spoil" a bit of ham heritage.

It is believed to be the last HW9 sold in kit form anywhere worldwide from the factory as source, although there are others that have been sold recently unbuilt found in ham shacks and SK inventories.

I also have an HW9 full WARC built by me from an unbuilt kit sourced this way, has a much earlier serial number though.

Nils and I have somewhat the same sense (nonesense some would say) of humour, we both speak Spanish, we both are about the same age, like the same sorts of music, like spicy food, LOVE BADGERS, and in my case Haggis well

Regards

Mel

May your God go with you

Arachne, the Fully Featured Browser for DOS, supports tables,
graphics, animations, forms and HTML 4.0 Transitional Pages

<http://www.arachne4dos.freeseerve.co.uk>

e-mail to: gm6jag@arrl.net
or: mel@euramcom.freeseerve.co.uk

72 & 73 de Mel
GM6JAG
Edinburgh Scotland UK
Home of the last HW9

Date: Thu, 19 Aug 1999 16:41:43 -0400
From: Ed Kessler <edkess@epix.net>
To: qrp-1@Lehigh.EDU
Subject: [48010] DSW - Short Note
Message-ID: <37BC6C07.CADEB80A@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

A short note:

Finished my DSW-20 last night, but did not have time to search for a
QS0. The band was poor anyway.

To Keep In Mind:

I've built both the DSW-40 and DSW-20 and have had minor glitches on
power up with both radios. The DSW-40 Kit included a pre-wired audio
harness that did not have continuity in one of its leads. The DSW-20
also had a faulty harness -- this time the one connecting to the
encoder. In both instances merely pushing the wires into the harness
provided continuity, and in both instances after such a fix the rigs
worked perfectly.

If your DSW doesn't work on power up check the harnesses first.

I don't know where Dave gets these but quality control seems a bit lax.
This is not Dave's fault, otherwise the DSW experience has been
delightful.

Ed, AA3SJ

Date: Thu, 19 Aug 1999 16:58:28 -0400
From: Bob Hirsch <bobh@p3.net>
To: qrp-l@lehigh.edu
Subject: [48011] FS: DX-398
Message-ID: <3.0.6.32.19990819165828.008e6eb0@pop.p3.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have a mint condition 6 month old Radio Shack DX-398 shorwave receiver for sale.
This is the portable with the digital display and RDS.
Includes original box and manual, of course.

I'll ship for \$165.

Please reply direct.

72/73 de Bob, W3CW
New Hope Pennsylvania

Date: Thu, 19 Aug 1999 14:13:19 -0700
From: "Kory Hamzeh" <kory@avatar.com>
To: <qrp-l@lehigh.edu>
Subject: [48012] OT: Where to find some MRF904
Message-ID: <003201beea87\$a9404a80\$14ce21c7@tomcat.avatar.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I wanted to try replacing Q7 on my NC20 with an MRF904 but can't seem to
find any low quantity sources. If anyone can point me to some sources, I'd
really appreciate it.

Thanks,
Kory
AC6RN

Date: Thu, 19 Aug 1999 18:16:07 -0400

From: Rick Sealey <rsealey@InfoAve.Net>
To: jwodel1@ameritech.net
Cc: qrp-l@lehigh.edu
Subject: [48013] Re: wwv
Message-ID: <4.1.19990819181031.00b547a0@mail.infoave.net>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

At 06:54 AM 08/19/1999 -0400, you wrote:
>Anyone know how much power WWV runs on
>60khz (or whatever their vlf time signal is)?
>
>Thanks
>
>73 jerry w8gnd
>

Jerry O!

Info can be found at:
<http://www.boulder.nist.gov/timefreq/wwvstatus.htm>

(by the way, it's LF, 30KHz - 300KHz,
as opposed to VLF, 3KHz - 30KHz)

Oh boy, I feel a thread coming on!

Rick - W4SEA

End of QRP-L Digest 1553

